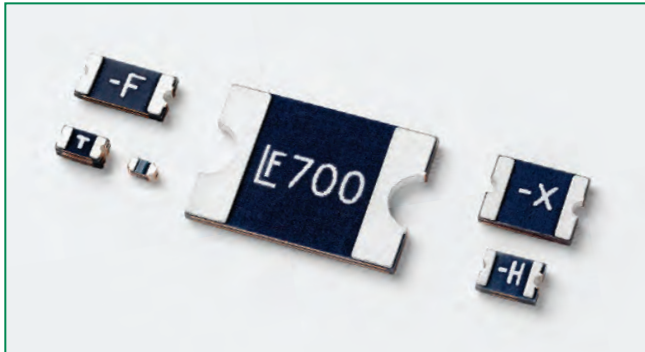


RoHS  HF **LoRho™ Surface Mount Series**



### Agency Approvals

| AGENCY                                                                            | AGENCY FILE NUMBER |
|-----------------------------------------------------------------------------------|--------------------|
|  | E10480             |
|  | R50119118          |

### Description

Littelfuse LoRho™ Surface Mount PPTC (Polymer Positive Temperature Coefficient) devices provide overcurrent protection for applications where ultra low internal resistance, ultra low voltage drop and automatic resettable protection are desired. This new series allows a higher hold current device in a smaller factor and lower profile as compared to a standard PPTC. It offers ultra low internal resistance while maintaining the high level electrical characteristics and performances of standard PPTC products. All devices are UL and TUV recognized and have maximum fault current of 50A. They are available in 0402 to 2920 sizes while the hold current ranges from 100mA to 7A. Littelfuse 0402 size LoRho™ SMD PPTC is the smallest size surface mounted PPTC device available in the market.

### Features

- Ultra low internal resistance
- Very thin profile
- Miniature size saves board space
- Allows a higher hold current device in a smaller factor and lower profile as compared to a standard PPTC
- Fast response to fault currents
- 0402 size available - the smallest PPTC in the market
- Compatible with high temperature solders
- Broadest range of Hold Current ratings (100mA to 7A)
- RoHS compliant, Lead Free and Halogen Free
- UL and TUV recognized
- 0603L150SL ideal for USB 3.0

### Applications

- USB peripherals including new USB 3.0 / 2.0 ports
- Li-ion / Li-Polymer battery packs
- Smart phones
- Tablet and Notebook PCs
- E-readers
- LCD / LED HDTV
- Computer peripherals
- Digital cameras and video cameras
- Hard disk drives
- Game consoles

## Electrical Characteristics

| Part Number   | Marking | I <sub>hold</sub><br>(A) | I <sub>trip</sub><br>(A) | V <sub>max</sub><br>(Vdc) | I <sub>max</sub><br>(A) | P <sub>d</sub><br>typ.<br>(W) | Maximum<br>Time-To-Trip |                | Resistance              |                          | Agency<br>Approvals                                                                 |                                                                                     |
|---------------|---------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------------|-------------------------|----------------|-------------------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|               |         |                          |                          |                           |                         |                               | Current<br>(A)          | Time<br>(Sec.) | R <sub>min</sub><br>(Ω) | R <sub>1max</sub><br>(Ω) |  |  |
| 0402L010SL    |         | 0.10                     | 0.30                     | 6                         | 40                      | 0.5                           | 0.50                    | 1.00           | 0.150                   | 2.000                    | X                                                                                   | Pending                                                                             |
| 0402L020SL    |         | 0.20                     | 0.50                     | 6                         | 40                      | 0.5                           | 1.00                    | 1.00           | 0.100                   | 1.250                    | X                                                                                   | Pending                                                                             |
| 0402L035SL    |         | 0.35                     | 0.70                     | 6                         | 50                      | 0.5                           | 8.00                    | 0.10           | 0.050                   | 0.700                    | X                                                                                   | Pending                                                                             |
| 0402L050SL    |         | 0.50                     | 1.00                     | 6                         | 50                      | 0.5                           | 8.00                    | 0.10           | 0.040                   | 0.400                    | X                                                                                   | Pending                                                                             |
| 0603L050SL    | K       | 0.50                     | 1.00                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.10           | 0.070                   | 0.350                    | X                                                                                   | X                                                                                   |
| 0603L075SL    | N       | 0.75                     | 1.50                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.20           | 0.005                   | 0.250                    | X                                                                                   | X                                                                                   |
| 0603L100SL    | S       | 1.00                     | 1.80                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.30           | 0.040                   | 0.120                    | X                                                                                   | X                                                                                   |
| 0603L150SL    | T       | 1.50                     | 3.00                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.50           | 0.007                   | 0.080                    | X                                                                                   | X                                                                                   |
| 0603L175SL    | V       | 1.75                     | 3.50                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.60           | 0.005                   | 0.060                    | X                                                                                   | X                                                                                   |
| 0805L075SL    | -G      | 0.75                     | 1.50                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.20           | 0.040                   | 0.160                    | X                                                                                   | X                                                                                   |
| 0805L110SL    | -H      | 1.10                     | 1.80                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.30           | 0.030                   | 0.130                    | X                                                                                   | X                                                                                   |
| 0805L150SL    | -K      | 1.50                     | 3.00                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.50           | 0.015                   | 0.065                    | X                                                                                   | X                                                                                   |
| 0805L175SL    | -V      | 1.75                     | 3.50                     | 6                         | 50                      | 0.6                           | 8.00                    | 0.60           | 0.005                   | 0.055                    | X                                                                                   | X                                                                                   |
| 0805L200SLTH  | -L      | 2.00                     | 4.00                     | 6                         | 50                      | 0.6                           | 8.00                    | 1.00           | 0.005                   | 0.045                    | X                                                                                   | X                                                                                   |
| 0805L260SLTH  | -S      | 2.60                     | 5.00                     | 6                         | 50                      | 0.6                           | 8.00                    | 4.00           | 0.003                   | 0.035                    | X                                                                                   | X                                                                                   |
| 0805L300SL    | -N      | 3.00                     | 6.00                     | 6                         | 50                      | 0.6                           | 8.00                    | 5.00           | 0.003                   | 0.030                    | X                                                                                   | X                                                                                   |
| 1206L075SL    | -G      | 0.75                     | 1.50                     | 6                         | 50                      | 0.8                           | 8.00                    | 0.30           | 0.017                   | 0.180                    | X                                                                                   | X                                                                                   |
| 1206L110SL    | -H      | 1.10                     | 2.20                     | 6                         | 50                      | 0.8                           | 8.00                    | 0.30           | 0.015                   | 0.100                    | X                                                                                   | X                                                                                   |
| 1206L150SL    | -K      | 1.50                     | 3.90                     | 6                         | 50                      | 0.8                           | 8.00                    | 0.30           | 0.010                   | 0.065                    | X                                                                                   | X                                                                                   |
| 1206L110/12SL | -H1     | 1.10                     | 2.20                     | 12                        | 50                      | 0.8                           | 8.00                    | 0.30           | 0.015                   | 0.130                    | X                                                                                   | X                                                                                   |
| 1206L150/12SL | -K1     | 1.50                     | 3.00                     | 12                        | 50                      | 0.8                           | 8.00                    | 0.30           | 0.010                   | 0.080                    | X                                                                                   | X                                                                                   |
| 1206L175SL    | -F      | 1.75                     | 3.50                     | 6                         | 50                      | 0.8                           | 8.00                    | 0.40           | 0.005                   | 0.030                    | X                                                                                   | X                                                                                   |
| 1206L200SL    | -L      | 2.00                     | 4.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 0.50           | 0.005                   | 0.025                    | X                                                                                   | X                                                                                   |
| 1206L260SLTH  | -S      | 2.60                     | 5.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 4.00           | 0.003                   | 0.026                    | X                                                                                   | X                                                                                   |
| 1206L300SLTH  | -N      | 3.00                     | 6.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 4.00           | 0.003                   | 0.020                    | X                                                                                   | X                                                                                   |
| 1206L350SLTH  | -T      | 3.50                     | 7.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 5.00           | 0.003                   | 0.018                    | X                                                                                   | X                                                                                   |
| 1206L380SLTH* | -V      | 2.82*                    | 8.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 5.00           | 0.002                   | 0.014                    | X                                                                                   | X                                                                                   |
| 1206L400SL    | -Y      | 4.00                     | 8.00                     | 6                         | 50                      | 0.8                           | 20.00                   | 2.00           | 0.001                   | 0.014                    | X                                                                                   | X                                                                                   |
| 1206L450SL    | -Z      | 4.50                     | 9.00                     | 6                         | 50                      | 0.8                           | 22.50                   | 2.00           | 0.001                   | 0.014                    | X                                                                                   | X                                                                                   |
| 1210L175SL    | -J      | 1.75                     | 3.50                     | 6                         | 50                      | 0.8                           | 8.00                    | 2.50           | 0.006                   | 0.040                    | X                                                                                   | X                                                                                   |
| 1210L200SL    | -L      | 2.00                     | 4.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 3.00           | 0.005                   | 0.024                    | X                                                                                   | X                                                                                   |
| 1210L260SL    | -S      | 2.60                     | 5.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 4.00           | 0.003                   | 0.020                    | X                                                                                   | X                                                                                   |
| 1210L300SL    | -N      | 3.00                     | 6.00                     | 6                         | 50                      | 0.8                           | 15.00                   | 2.00           | 0.003                   | 0.020                    | X                                                                                   | X                                                                                   |
| 1210L350SL    | -T      | 3.50                     | 7.00                     | 6                         | 50                      | 0.8                           | 17.50                   | 2.00           | 0.003                   | 0.018                    | X                                                                                   | X                                                                                   |
| 1210L380SL    | -X      | 3.80                     | 8.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 5.00           | 0.002                   | 0.016                    | X                                                                                   | X                                                                                   |
| 1210L400SL    | -V      | 4.00                     | 8.00                     | 6                         | 50                      | 0.8                           | 8.00                    | 5.00           | 0.001                   | 0.014                    | X                                                                                   | X                                                                                   |
| 1210L450SL    | -Y      | 4.50                     | 9.00                     | 6                         | 50                      | 1.0                           | 22.50                   | 2.00           | 0.001                   | 0.014                    | X                                                                                   | X                                                                                   |
| 1812L190SL    | LF-19   | 1.90                     | 4.90                     | 6                         | 50                      | 1.0                           | 9.50                    | 4.50           | 0.003                   | 0.025                    | X                                                                                   | X                                                                                   |
| 1812L260SL    | LF-26   | 2.60                     | 6.00                     | 6                         | 50                      | 1.0                           | 13.00                   | 2.00           | 0.003                   | 0.024                    | X                                                                                   | X                                                                                   |
| 1812L270SL    | LF-27   | 2.70                     | 6.20                     | 6                         | 50                      | 1.0                           | 13.50                   | 2.00           | 0.003                   | 0.022                    | X                                                                                   | X                                                                                   |
| 1812L300SL    | LF-30   | 3.00                     | 7.00                     | 6                         | 50                      | 1.0                           | 8.00                    | 5.00           | 0.003                   | 0.021                    | X                                                                                   | X                                                                                   |
| 1812L350SL**  | LF-35   | 3.50                     | 8.10                     | 6                         | 50                      | 1.0                           | 8.00                    | 5.00           | 0.003                   | 0.020**                  | X                                                                                   | X                                                                                   |
| 1812L370SL    | LF-37   | 3.70                     | 9.10                     | 6                         | 50                      | 1.0                           | 18.50                   | 2.00           | 0.003                   | 0.018                    | X                                                                                   | X                                                                                   |
| 2920L700SL*** | LF700   | 7.00                     | 14.00                    | 6                         | 50                      | 2.2                           | 35.00                   | 0.20           | 0.001                   | 0.007                    | X                                                                                   | X                                                                                   |

### Notes:

0805L150SL and 1206L150SL are ideal for overcurrent protection in VBUS of USB 3.0 / USB 2.0 ports.

\* 1206L380SLTH has I<sub>hold</sub> 2.82A for at least 15min @ 55°C. It is ideal for overcurrent protection in Li-ion / Li-Polymer battery packs of smartphones.

\*\* 1812L350SL Typical Time-To-Trip is 50A at 0.013-0.020 seconds. R1min=0.015ohm (resistance range 0.015-0.025ohm).

\*\*\* 2920L700SL is ideal for overcurrent protection in Li-ion / Li-Polymer battery packs of tablet PC.

I<sub>hold</sub> = Hold current: maximum current device will pass without tripping in 20°C still air.

I<sub>trip</sub> = Trip current: minimum current at which the device will trip in 20°C still air.

V<sub>max</sub> = Maximum voltage device can withstand without damage at rated current (I<sub>max</sub>)

I<sub>max</sub> = Maximum fault current device can withstand without damage at rated voltage (V<sub>max</sub>)

P<sub>d</sub> = Power dissipated from device when in the tripped state at 20°C still air.

R<sub>min</sub> = Minimum resistance of device in initial (un-soldered) state.

R<sub>1max</sub> = Maximum resistance of device at 20°C measured one hour after tripping or reflow soldering of 260°C for 20 sec.

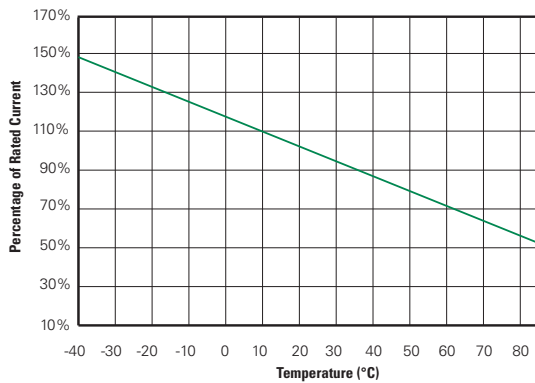
**Caution:** Operation beyond the specified rating may result in damage and possible arcing and flame.

### Temperature Derating

| Ambient Operation Temperature |                  |       |      |      |      |      |      |      |
|-------------------------------|------------------|-------|------|------|------|------|------|------|
|                               | -40°C            | -20°C | 0°C  | 20°C | 40°C | 60°C | 70°C | 85°C |
| Part Number                   | Hold Current (A) |       |      |      |      |      |      |      |
| 0402L010SL                    | 0.15             | 0.13  | 0.12 | 0.10 | 0.09 | 0.07 | 0.06 | 0.05 |
| 0402L020SL                    | 0.29             | 0.27  | 0.24 | 0.20 | 0.17 | 0.14 | 0.11 | 0.10 |
| 0402L035SL                    | 0.51             | 0.47  | 0.41 | 0.35 | 0.30 | 0.25 | 0.20 | 0.18 |
| 0402L050SL                    | 0.74             | 0.67  | 0.59 | 0.50 | 0.43 | 0.36 | 0.29 | 0.26 |
| 0603L050SL                    | 0.82             | 0.73  | 0.63 | 0.50 | 0.41 | 0.39 | 0.24 | 0.14 |
| 0603L075SL                    | 1.23             | 1.08  | 0.94 | 0.75 | 0.61 | 0.44 | 0.34 | 0.23 |
| 0603L100SL                    | 1.55             | 1.37  | 1.19 | 1.00 | 0.83 | 0.62 | 0.50 | 0.31 |
| 0603L150SL                    | 2.31             | 2.06  | 1.79 | 1.50 | 1.22 | 0.93 | 0.75 | 0.47 |
| 0603L175SL                    | 2.57             | 2.33  | 2.07 | 1.75 | 1.49 | 1.24 | 1.00 | 0.91 |
| 0805L075SL                    | 1.24             | 1.07  | 0.94 | 0.75 | 0.62 | 0.47 | 0.37 | 0.23 |
| 0805L110SL                    | 1.93             | 1.65  | 1.38 | 1.10 | 0.83 | 0.55 | 0.41 | 0.21 |
| 0805L150SL                    | 2.37             | 2.07  | 1.80 | 1.50 | 1.25 | 0.93 | 0.74 | 0.50 |
| 0805L175SL                    | 2.57             | 2.33  | 2.07 | 1.75 | 1.49 | 1.24 | 1.00 | 0.91 |
| 0805L200SLTH                  | 2.94             | 2.66  | 2.36 | 2.00 | 1.70 | 1.42 | 1.14 | 1.04 |
| 0805L260SLTH                  | 3.82             | 3.46  | 3.07 | 2.60 | 2.21 | 1.85 | 1.48 | 1.35 |
| 0805L300SL                    | 4.41             | 3.99  | 3.54 | 3.00 | 2.55 | 2.13 | 1.71 | 1.56 |
| 1206L075SL                    | 1.10             | 1.00  | 0.89 | 0.75 | 0.64 | 0.53 | 0.43 | 0.39 |
| 1206L110SL                    | 2.00             | 1.70  | 1.40 | 1.10 | 0.83 | 0.56 | 0.44 | 0.36 |
| 1206L150SL                    | 2.67             | 2.32  | 1.95 | 1.50 | 1.15 | 0.78 | 0.64 | 0.52 |
| 1206L110/12SL                 | 1.62             | 1.46  | 1.30 | 1.10 | 0.94 | 0.78 | 0.63 | 0.57 |
| 1206L150/12SL                 | 2.21             | 2.00  | 1.77 | 1.50 | 1.28 | 1.07 | 0.86 | 0.78 |
| 1206L175SL                    | 2.57             | 2.33  | 2.07 | 1.75 | 1.49 | 1.24 | 1.00 | 0.91 |
| 1206L200SL                    | 3.30             | 2.90  | 2.50 | 2.00 | 1.62 | 1.16 | 0.90 | 0.52 |
| 1206L260SLTH                  | 3.71             | 3.42  | 3.01 | 2.60 | 2.08 | 1.49 | 1.30 | 0.89 |
| 1206L300SLTH                  | 4.41             | 3.99  | 3.54 | 3.00 | 2.55 | 2.13 | 1.71 | 1.56 |
| 1206L350SLTH                  | 5.15             | 4.66  | 4.13 | 3.50 | 2.98 | 2.49 | 2.00 | 1.82 |
| 1206L380SLTH                  | 5.59             | 5.05  | 4.48 | 3.80 | 3.23 | 2.70 | 2.17 | 1.98 |
| 1206L400SL                    | 5.71             | 5.26  | 4.63 | 4.00 | 3.20 | 2.29 | 2.00 | 1.37 |
| 1206L450SL                    | 6.62             | 5.99  | 5.31 | 4.50 | 3.83 | 3.20 | 2.57 | 2.34 |
| 1210L175SL                    | 2.57             | 2.33  | 2.07 | 1.75 | 1.49 | 1.24 | 1.00 | 0.91 |
| 1210L200SL                    | 3.26             | 2.87  | 2.50 | 2.00 | 1.70 | 1.29 | 1.09 | 0.78 |
| 1210L260SL                    | 3.82             | 3.46  | 3.07 | 2.60 | 2.21 | 1.85 | 1.48 | 1.35 |
| 1210L300SL                    | 4.41             | 3.99  | 3.54 | 3.00 | 2.55 | 2.13 | 1.71 | 1.56 |
| 1210L350SL                    | 5.00             | 4.60  | 4.05 | 3.50 | 2.80 | 2.00 | 1.60 | 1.00 |
| 1210L380SL                    | 6.00             | 5.28  | 4.52 | 3.80 | 3.15 | 2.39 | 2.09 | 1.60 |
| 1210L400SL                    | 5.71             | 5.26  | 4.63 | 4.00 | 3.20 | 2.29 | 2.00 | 1.37 |
| 1210L450SL                    | 6.62             | 5.99  | 5.31 | 4.50 | 3.83 | 3.20 | 2.57 | 2.34 |
| 1812L190SL                    | 3.00             | 2.58  | 2.22 | 1.90 | 1.49 | 1.14 | 0.93 | 0.61 |
| 1812L260SL                    | 3.82             | 3.46  | 3.07 | 2.60 | 2.21 | 1.85 | 1.48 | 1.35 |
| 1812L270SL                    | 3.86             | 3.55  | 3.12 | 2.70 | 2.16 | 1.54 | 1.35 | 0.93 |
| 1812L300SL                    | 4.41             | 3.99  | 3.54 | 3.00 | 2.55 | 2.13 | 1.71 | 1.56 |
| 1812L350SL                    | 5.43             | 4.73  | 4.13 | 3.50 | 2.80 | 2.10 | 1.75 | 1.12 |
| 1812L370SL                    | 5.44             | 4.92  | 4.37 | 3.70 | 3.15 | 2.63 | 2.11 | 1.92 |
| 2920L700SL                    | 10.00            | 9.20  | 8.10 | 7.00 | 5.60 | 4.00 | 3.50 | 2.40 |

**Notes:** The temperature derating data is for reference only. Please contact Littelfuse technical support for detail temperature derating information.

## Temperature Derating Curve



## Physical Specifications

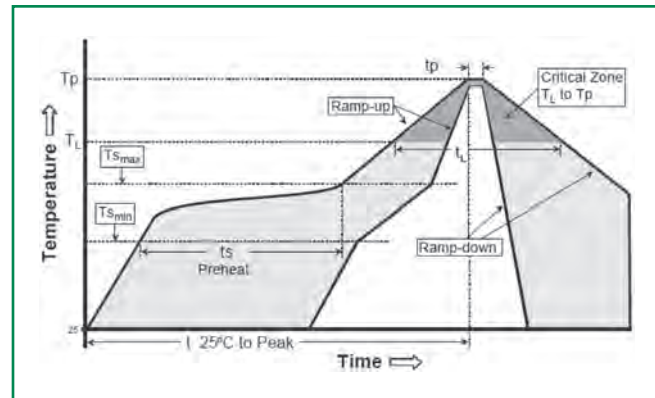
|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| <b>Terminal Material</b>  | Solder-Plated Copper<br>(Solder Material: Matte Tin (Sn))        |
| <b>Lead Solderability</b> | Meets EIA Specification RS186-9E,<br>ANSI/J-STD-002, Category 3. |

## Environmental Specifications

|                                                            |                                                                                    |
|------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Operating Temperature</b>                               | -40°C to +85°C                                                                     |
| <b>Maximum Device Surface Temperature in Tripped State</b> | 125°C                                                                              |
| <b>Passive Aging</b>                                       | +85°C, 1000 hours<br>-/+10% typical resistance change                              |
| <b>Humidity Aging</b>                                      | +85°C, 85% R.H., 100 hours<br>-/+15% typical resistance change                     |
| <b>Thermal Shock</b>                                       | MIL-STD-202, Method 107G<br>+85°C/-40°C 20 times<br>-30% typical resistance change |
| <b>Solvent Resistance</b>                                  | MIL-STD-202, Method 215<br>No change                                               |
| <b>Vibration</b>                                           | MIL-STD-883C, Method 2007.1,<br>Condition A No change                              |
| <b>Moisture Sensitivity Level</b>                          | Level 1, J-STD-020C                                                                |

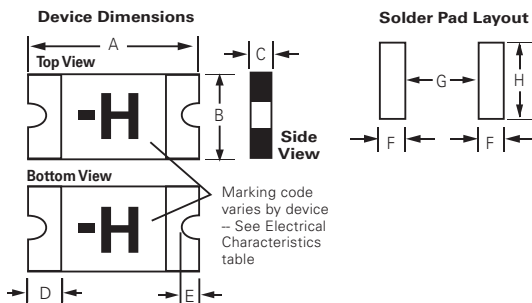
## Soldering Parameters

|                                                               |                                        |                         |
|---------------------------------------------------------------|----------------------------------------|-------------------------|
| Profile Feature                                               |                                        | Pb-Free Assembly        |
| Average Ramp-Up Rate (T <sub>S(max)</sub> to T <sub>P</sub> ) |                                        | 3°C/second max          |
| Pre Heat:                                                     | Temperature Min (T <sub>s(min)</sub> ) | 150°C                   |
|                                                               | Temperature Max (T <sub>s(max)</sub> ) | 200°C                   |
|                                                               | Time (Min to Max) (t <sub>s</sub> )    | 60 – 180 secs           |
| Time Maintained Above:                                        | Temperature (T <sub>L</sub> )          | 217°C                   |
|                                                               | Temperature (t <sub>L</sub> )          | 60 – 150 seconds        |
| Peak / Classification Temperature (T <sub>P</sub> )           |                                        | 260 <sup>+0/-5</sup> °C |
| Time within 5°C of actual peak Temperature (t <sub>p</sub> )  |                                        | 20 – 40 seconds         |
| Ramp-down Rate                                                |                                        | 6°C/second max          |
| Time 25°C to peak Temperature (T <sub>P</sub> )               |                                        | 8 minutes Max.          |



- All temperature refer to topside of the package, measured on the package body surface
- If reflow temperature exceeds the recommended profile, devices may not meet the performance requirements
- Recommended reflow methods: IR, vapor phase oven, hot air oven, N<sub>2</sub> environment for lead
- Recommended maximum paste thickness is 0.25mm (0.010 inch)
- Devices can be cleaned using standard industry methods and solvents
- Devices can be reworked using the standard industry practices

### Dimensions



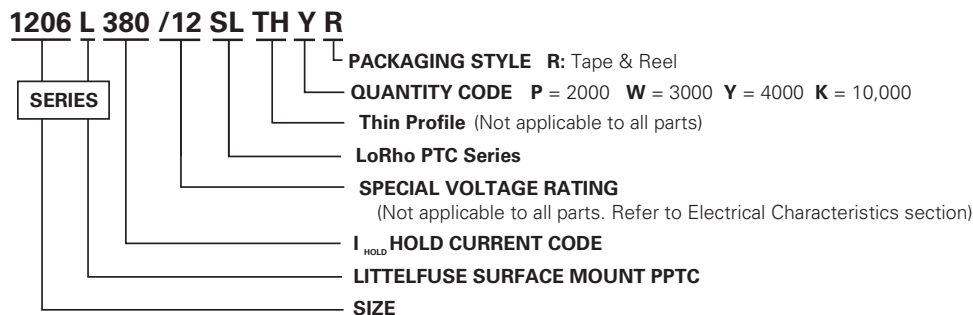
| Part Number   | Device Dimension |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      | Solder Pad |      |      |      |      |      |
|---------------|------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------------|------|------|------|------|------|
|               | A                |      |      |      | B    |      |      |      | C    |      |      |      | D     |      |      |      | E     |      |      |      | F          |      | G    |      | H    |      |
|               | inch             |      | mm   |      | inch |      | mm   |      | inch |      | mm   |      | inch  |      | mm   |      | inch  |      | mm   |      | inch       | mm   | inch | mm   | inch | mm   |
|               | Min              | Max  | Min  | Max  | Min  | Max  | Min  | Max  | Min  | Max  | Min  | Max  | Min   | Max  | Min  | Max  | Min   | Max  | Min  | Max  |            |      |      |      |      |      |
| 0402L010SL    | 0.03             | 0.05 | 0.85 | 1.15 | 0.01 | 0.03 | 0.35 | 0.65 | 0.01 | 0.02 | 0.20 | 0.60 | 0.004 | 0.02 | 0.10 | 0.45 | -     | 0.02 | -    | 0.40 | 0.02       | 0.60 | 0.02 | 0.40 | 0.03 | 0.70 |
| 0402L020SL    | 0.03             | 0.05 | 0.85 | 1.15 | 0.01 | 0.03 | 0.35 | 0.65 | 0.01 | 0.02 | 0.20 | 0.60 | 0.004 | 0.02 | 0.10 | 0.45 | -     | 0.02 | -    | 0.40 | 0.02       | 0.60 | 0.02 | 0.40 | 0.03 | 0.70 |
| 0402L035SL    | 0.03             | 0.05 | 0.85 | 1.15 | 0.01 | 0.03 | 0.35 | 0.65 | 0.01 | 0.02 | 0.20 | 0.60 | 0.004 | 0.02 | 0.10 | 0.45 | -     | 0.02 | -    | 0.40 | 0.02       | 0.60 | 0.02 | 0.40 | 0.03 | 0.70 |
| 0402L050SL    | 0.03             | 0.05 | 0.85 | 1.15 | 0.01 | 0.03 | 0.35 | 0.65 | 0.01 | 0.02 | 0.20 | 0.60 | 0.004 | 0.02 | 0.10 | 0.45 | -     | 0.02 | -    | 0.40 | 0.02       | 0.60 | 0.02 | 0.40 | 0.03 | 0.70 |
| 0603L050SL    | 0.06             | 0.07 | 1.40 | 1.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.15 | 0.50 | -     | 0.02 | -    | 0.40 | 0.04       | 1.00 | 0.03 | 0.80 | 0.04 | 1.00 |
| 0603L075SL    | 0.06             | 0.07 | 1.40 | 1.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.15 | 0.50 | -     | 0.02 | -    | 0.40 | 0.04       | 1.00 | 0.03 | 0.80 | 0.04 | 1.00 |
| 0603L100SL    | 0.06             | 0.07 | 1.40 | 1.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.15 | 0.50 | -     | 0.02 | -    | 0.40 | 0.04       | 1.00 | 0.03 | 0.80 | 0.04 | 1.00 |
| 0603L150SL    | 0.06             | 0.07 | 1.40 | 1.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.02 | 0.04 | 0.40 | 1.00 | 0.01  | 0.02 | 0.15 | 0.50 | -     | 0.02 | -    | 0.40 | 0.04       | 1.00 | 0.03 | 0.80 | 0.04 | 1.00 |
| 0603L175SL    | 0.06             | 0.07 | 1.40 | 1.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.02 | 0.04 | 0.40 | 1.00 | 0.01  | 0.02 | 0.15 | 0.50 | -     | 0.02 | -    | 0.40 | 0.04       | 1.00 | 0.03 | 0.80 | 0.04 | 1.00 |
| 0805L075SL    | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 0805L110SL    | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 0805L150SL    | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 0805L175SL    | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.02 | 0.40 | 0.60 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 0805L200SLTH  | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 0805L260SLTH  | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 0805L300SL    | 0.08             | 0.09 | 2.00 | 2.20 | 0.05 | 0.06 | 1.20 | 1.50 | 0.02 | 0.06 | 0.60 | 1.40 | 0.01  | 0.02 | 0.20 | 0.55 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.05 | 1.20 | 0.06 | 1.50 |
| 1206L075SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L110SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L150SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L110/12SL | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.50 | 0.85 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L150/12SL | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.50 | 0.85 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L175SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.02 | 0.40 | 0.60 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L200SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.02 | 0.40 | 0.60 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L260SLTH  | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L300SLTH  | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.80 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L350SLTH  | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L380SLTH  | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L400SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.06 | 0.60 | 1.40 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1206L450SL    | 0.12             | 0.13 | 3.00 | 3.40 | 0.06 | 0.07 | 1.50 | 1.80 | 0.02 | 0.06 | 0.60 | 1.40 | 0.01  | 0.03 | 0.25 | 0.75 | 0.002 | 0.02 | 0.05 | 0.45 | 0.04       | 1.00 | 0.07 | 1.80 | 0.07 | 1.80 |
| 1210L175SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.004 | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L200SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.004 | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L260SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.004 | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L300SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.03 | 0.25 | 0.75 | 0.004 | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L350SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.01  | 0.03 | 0.25 | 0.75 | 0.00  | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L380SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.03 | 0.40 | 0.65 | 0.01  | 0.03 | 0.25 | 0.75 | 0.00  | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L400SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.02 | 0.04 | 0.60 | 1.00 | 0.01  | 0.03 | 0.25 | 0.75 | 0.00  | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1210L450SL    | 0.12             | 0.14 | 3.00 | 3.43 | 0.09 | 0.11 | 2.35 | 2.80 | 0.04 | 0.06 | 1.00 | 1.40 | 0.01  | 0.03 | 0.25 | 0.75 | 0.00  | 0.02 | 0.10 | 0.50 | 0.04       | 1.00 | 0.08 | 2.00 | 0.10 | 2.50 |
| 1812L190SL    | 0.17             | 0.19 | 4.37 | 4.73 | 0.12 | 0.13 | 3.07 | 3.41 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.05 | 0.30 | 1.20 | 0.01  | 0.03 | 0.15 | 0.65 | 0.07       | 1.78 | 0.14 | 3.45 | 0.12 | 3.15 |
| 1812L260SL    | 0.17             | 0.19 | 4.37 | 4.73 | 0.12 | 0.13 | 3.07 | 3.41 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.05 | 0.30 | 1.20 | 0.01  | 0.03 | 0.15 | 0.65 | 0.07       | 1.78 | 0.14 | 3.45 | 0.12 | 3.15 |
| 1812L270SL    | 0.17             | 0.19 | 4.37 | 4.73 | 0.12 | 0.13 | 3.07 | 3.41 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.05 | 0.30 | 1.20 | 0.01  | 0.03 | 0.15 | 0.65 | 0.07       | 1.78 | 0.14 | 3.45 | 0.12 | 3.15 |
| 1812L300SL    | 0.17             | 0.19 | 4.37 | 4.73 | 0.12 | 0.13 | 3.07 | 3.41 | 0.02 | 0.03 | 0.40 | 0.75 | 0.01  | 0.05 | 0.30 | 1.20 | 0.01  | 0.03 | 0.15 | 0.65 | 0.07       | 1.78 | 0.14 | 3.45 | 0.12 | 3.15 |
| 1812L350SL    | 0.17             | 0.19 | 4.37 | 4.73 | 0.12 | 0.13 | 3.07 | 3.41 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.05 | 0.30 | 1.20 | 0.01  | 0.03 | 0.15 | 0.65 | 0.07       | 1.78 | 0.14 | 3.45 | 0.12 | 3.15 |
| 1812L370SL    | 0.17             | 0.19 | 4.37 | 4.73 | 0.12 | 0.13 | 3.07 | 3.41 | 0.02 | 0.03 | 0.40 | 0.70 | 0.01  | 0.05 | 0.30 | 1.20 | 0.01  | 0.03 | 0.15 | 0.65 | 0.07       | 1.78 | 0.14 |      |      |      |

## Packaging

| Part Number   | Ordering Number | I <sub>hold</sub> (A) | I <sub>hold</sub> Code | Packaging Option | Quantity | Quantity & Packaging Codes |
|---------------|-----------------|-----------------------|------------------------|------------------|----------|----------------------------|
| 0402L010SL    | 0402L010SLKR    | 0.10                  | 010                    | Tape & Reel      | 10,000   | KR                         |
| 0402L020SL    | 0402L020SLKR    | 0.20                  | 020                    |                  | 10,000   | KR                         |
| 0402L035SL    | 0402L035SLKR    | 0.35                  | 035                    |                  | 10,000   | KR                         |
| 0402L050SL    | 0402L050SLKR    | 0.50                  | 050                    |                  | 10,000   | KR                         |
| 0603L050SL    | 0603L050SLYR    | 0.50                  | 050                    |                  | 4,000    | YR                         |
| 0603L075SL    | 0603L075SLYR    | 0.75                  | 075                    |                  | 4,000    | YR                         |
| 0603L100SL    | 0603L100SLYR    | 1.00                  | 100                    |                  | 4,000    | YR                         |
| 0603L150SL    | 0603L150SLYR    | 1.50                  | 150                    |                  | 4,000    | YR                         |
| 0603L175SL    | 0603L175SLYR    | 1.75                  | 175                    |                  | 4,000    | YR                         |
| 0805L075SL    | 0805L075SLYR    | 0.75                  | 075                    |                  | 4,000    | YR                         |
| 0805L110SL    | 0805L110SLYR    | 1.10                  | 110                    |                  | 4,000    | YR                         |
| 0805L150SL    | 0805L150SLYR    | 1.50                  | 150                    |                  | 4,000    | YR                         |
| 0805L175SL    | 0805L175SLYR    | 1.75                  | 175                    |                  | 4,000    | YR                         |
| 0805L200SLTH  | 0805L200SLTHYR  | 2.00                  | 200                    |                  | 4,000    | YR                         |
| 0805L260SLTH  | 0805L260SLTHYR  | 2.60                  | 260                    |                  | 4,000    | YR                         |
| 0805L300SL    | 0805L300SLWR    | 3.00                  | 300                    |                  | 3,000    | WR                         |
| 1206L075SL    | 1206L075SLYR    | 0.75                  | 075                    |                  | 4,000    | YR                         |
| 1206L110SL    | 1206L110SLYR    | 1.10                  | 110                    |                  | 4,000    | YR                         |
| 1206L150SL    | 1206L150SLYR    | 1.50                  | 150                    |                  | 4,000    | YR                         |
| 1206L110/12SL | 1206L110/12SLYR | 1.10                  | 110                    |                  | 4,000    | YR                         |
| 1206L150/12SL | 1206L150/12SLYR | 1.50                  | 150                    |                  | 4,000    | YR                         |
| 1206L175SL    | 1206L175SLYR    | 1.75                  | 175                    |                  | 4,000    | YR                         |
| 1206L200SL    | 1206L200SLYR    | 2.00                  | 200                    |                  | 4,000    | YR                         |
| 1206L260SLTH  | 1206L260SLTHYR  | 2.60                  | 260                    |                  | 4,000    | YR                         |
| 1206L300SLTH  | 1206L300SLTHYR  | 3.00                  | 300                    |                  | 4,000    | YR                         |
| 1206L350SLTH  | 1206L350SLTHYR  | 3.50                  | 350                    |                  | 4,000    | YR                         |
| 1206L380SLTH* | 1206L380SLTHYR  | 2.82*                 | 380                    |                  | 4,000    | YR                         |
| 1206L400SL    | 1206L400SLWR    | 4.00                  | 400                    |                  | 3,000    | WR                         |
| 1206L450SL    | 1206L450SLWR    | 4.50                  | 450                    |                  | 3,000    | WR                         |
| 1210L175SL    | 1210L175SLYR    | 1.75                  | 175                    |                  | 4,000    | YR                         |
| 1210L200SL    | 1210L200SLYR    | 2.00                  | 200                    |                  | 4,000    | YR                         |
| 1210L260SL    | 1210L260SLYR    | 2.60                  | 260                    |                  | 4,000    | YR                         |
| 1210L300SL    | 1210L300SLYR    | 3.00                  | 300                    |                  | 4,000    | YR                         |
| 1210L350SL    | 1210L350SLWR    | 3.50                  | 350                    |                  | 3,000    | WR                         |
| 1210L380SL    | 1210L380SLYR    | 3.80                  | 380                    |                  | 4,000    | YR                         |
| 1210L400SL    | 1210L400SLWR    | 4.00                  | 400                    |                  | 3,000    | WR                         |
| 1210L450SL    | 1210L450SLWR    | 4.50                  | 450                    |                  | 3,000    | WR                         |
| 1812L190SL    | 1812L190SLPR    | 1.90                  | 190                    |                  | 2,000    | PR                         |
| 1812L260SL    | 1812L260SLPR    | 2.60                  | 260                    |                  | 2,000    | PR                         |
| 1812L270SL    | 1812L270SLPR    | 2.70                  | 270                    |                  | 2,000    | PR                         |
| 1812L300SL    | 1812L300SLPR    | 3.00                  | 300                    |                  | 2,000    | PR                         |
| 1812L350SL    | 1812L350SLPR    | 3.50                  | 350                    |                  | 2,000    | PR                         |
| 1812L370SL    | 1812L370SLPR    | 3.70                  | 370                    |                  | 2,000    | PR                         |
| 2920L700SL    | 2920L700SLPR    | 7.00                  | 700                    |                  | 2,000    | PR                         |

**Notes:** \*1206L380SLTH has I<sub>hold</sub> 2.82A for at least 15min @ 55°C.

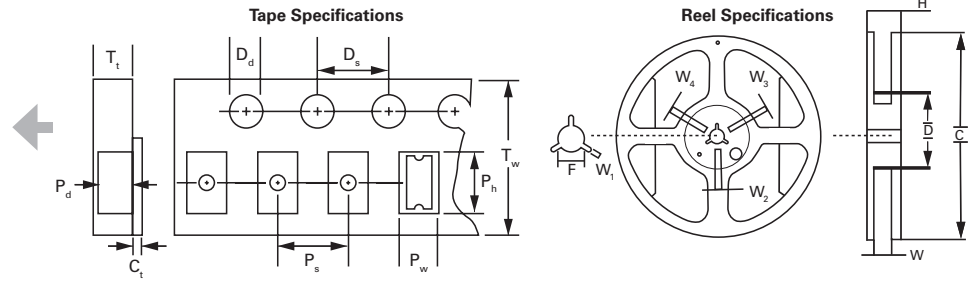
## Part Ordering Number System



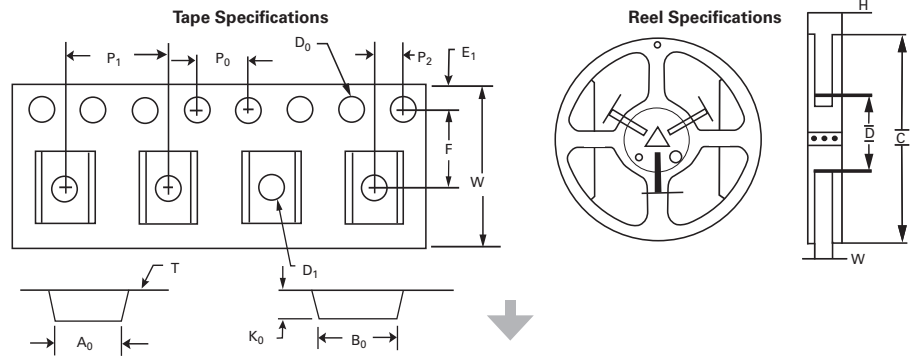
## Tape and Reel Specifications

|                                        |                                                      |
|----------------------------------------|------------------------------------------------------|
|                                        | 0402L010SL<br>0402L020SL<br>0402L035SL<br>0402L050SL |
| <b>TAPE DIMENSIONS: EIA-481-1 (mm)</b> |                                                      |
| <b>C<sub>t</sub></b>                   | 0.05 ± 0.01                                          |
| <b>D<sub>d</sub></b>                   | 1.5 ± 0.1                                            |
| <b>D<sub>s</sub></b>                   | 4.0 ± 0.1                                            |
| <b>P<sub>d</sub></b>                   | 0.41 ± 0.1                                           |
| <b>P<sub>h</sub></b>                   | 1.12 ± 0.1                                           |
| <b>P<sub>s</sub></b>                   | 2.0 ± 0.1                                            |
| <b>P<sub>w</sub></b>                   | 0.62 ± 0.1                                           |
| <b>T<sub>t</sub></b>                   | 0.61 ± 0.1                                           |
| <b>T<sub>w</sub></b>                   | 8.0 ± 0.1                                            |
| Leader min.                            | 390                                                  |
| Trailer min.                           | 160                                                  |
| <b>REEL DIMENSIONS: EIA-481-1 (mm)</b> |                                                      |
| <b>H</b>                               | 12.0 ± 0.5                                           |
| <b>W</b>                               | 9.0 ± 0.5                                            |
| <b>D</b>                               | Ø60 ± 0.5                                            |
| <b>F</b>                               | Ø13.0 ± 0.2                                          |
| <b>C</b>                               | Ø178 ± 1                                             |
| <b>W<sub>1</sub></b>                   | 2.2 ± 0.5                                            |
| <b>W<sub>2</sub></b>                   | 3.0 ± 0.5                                            |
| <b>W<sub>3</sub></b>                   | 4.0 ± 0.5                                            |
| <b>W<sub>4</sub></b>                   | 5.5 ± 0.5                                            |

Dimensions for 0402 size product (see table at left)



Dimensions for 0603, 0805, 1206, 1210, 1812 and 2920 size product (see table below)



|                                 |                                        |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        |                                                                                  |              |
|---------------------------------|----------------------------------------|--------------------------|--------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------|--------------|
|                                 | 0603L050SL<br>0603L075SL<br>0603L100SL | 0603L150SL<br>0603L175SL | 0805L075SL<br>0805L110SL<br>0805L150SL<br>0805L175SL<br>0805L200SLTH<br>0805L260SLTH | 0805L300SL  | 1206L075SL<br>1206L110SL<br>1206L150SL<br>1206L110/12SL<br>1206L150/12SL<br>1206L175SL<br>1206L200SL<br>1206L260SLTH<br>1206L300SLTH<br>1206L350SLTH<br>1206L380SLTH | 1206L400SL<br>1206L450SL | 1210L175SL<br>1210L200SL<br>1210L260SL<br>1210L300SL<br>1210L380SL | 1210L350SL<br>1210L400SL<br>1210L450SL | 1812L190SL<br>1812L260SL<br>1812L270SL<br>1812L300SL<br>1812L350SL<br>1812L370SL | 2920L700SL   |
| TAPE DIMENSIONS: EIA-481-1 (mm) |                                        |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        |                                                                                  |              |
| W                               | 8.00 ± 0.30                            | 8.00 ± 0.30              | 8.00 ± 0.10                                                                          | 8.00 ± 0.30 | 8.20 +0.10/-0.30                                                                                                                                                     | 8.15 +0.15/-0.30         | 8.00 ± 0.30                                                        | 8.00 ± 0.30                            | 12.00 ± 0.30                                                                     | 16.00 ± 0.30 |
| F                               | 3.50 ± 0.05                            | 3.50 ± 0.05              | 3.50 ± 0.05                                                                          | 3.50 ± 0.05 | 3.50 ± 0.05                                                                                                                                                          | 3.50 ± 0.05              | 3.50 ± 0.05                                                        | 3.50 ± 0.05                            | 5.50 ± 0.05                                                                      | 7.50 ± 0.10  |
| E <sub>1</sub>                  | 1.75 ± 0.10                            | 1.75 ± 0.10              | 1.75 ± 0.10                                                                          | 1.75 ± 0.10 | 1.75 ± 0.10                                                                                                                                                          | 1.75 ± 0.10              | 1.75 ± 0.10                                                        | 1.75 ± 0.10                            | 1.75 ± 0.10                                                                      | 1.75 ± 0.10  |
| D <sub>0</sub>                  | 1.55 ± 0.05                            | 1.55 ± 0.05              | 1.55 ± 0.05                                                                          | 1.55 ± 0.05 | 1.55 ± 0.05                                                                                                                                                          | 1.55 ± 0.05              | 1.55 ± 0.05                                                        | 1.55 ± 0.05                            | 1.55 ± 0.05                                                                      | 1.55 ± 0.05  |
| D <sub>1</sub>                  | 0.50 ± 0.10                            | 0.50 ± 0.10              | 1.00 (Min.)                                                                          | 1.00 ± 0.10 | 1.00 ± 0.10                                                                                                                                                          | 1.00 ± 0.10              | 1.00 (Min.)                                                        | 1.00 (Min.)                            | 1.55 (Min.)                                                                      | 1.50 ± 0.10  |
| P <sub>0</sub>                  | 4.00 ± 0.10                            | 4.00 ± 0.10              | 4.00 ± 0.08                                                                          | 4.00 ± 0.10 | 4.00 ± 0.10                                                                                                                                                          | 4.00 ± 0.10              | 4.00 ± 0.10                                                        | 4.00 ± 0.10                            | 4.00 ± 0.10                                                                      | 4.00 ± 0.10  |
| P <sub>1</sub>                  | 4.00 ± 0.10                            | 4.00 ± 0.10              | 4.00 ± 0.10                                                                          | 4.00 ± 0.10 | 4.00 ± 0.10                                                                                                                                                          | 4.00 ± 0.10              | 4.00 ± 0.10                                                        | 4.00 ± 0.10                            | 8.00 ± 0.10                                                                      | 8.00 ± 0.10  |
| P <sub>2</sub>                  | 2.00 ± 0.05                            | 2.00 ± 0.05              | 2.00 ± 0.05                                                                          | 2.00 ± 0.05 | 2.00 ± 0.05                                                                                                                                                          | 2.00 ± 0.05              | 2.00 ± 0.05                                                        | 2.00 ± 0.05                            | 2.00 ± 0.05                                                                      | 2.00 ± 0.10  |
| A <sub>0</sub>                  | 1.10 ± 0.10                            | 1.10 ± 0.10              | 1.60 ± 0.10                                                                          | 1.65 ± 0.10 | 1.95 ± 0.10                                                                                                                                                          | 1.92 ± 0.10              | 2.82 ± 0.10                                                        | 2.82 ± 0.10                            | 3.58 ± 0.10                                                                      | 5.74 ± 0.10  |
| B <sub>0</sub>                  | 1.92 ± 0.10                            | 1.92 ± 0.10              | 2.30 ± 0.10                                                                          | 2.35 ± 0.10 | 3.65 ± 0.10                                                                                                                                                          | 3.65 ± 0.10              | 3.46 ± 0.10                                                        | 3.50 ± 0.10                            | 4.93 ± 0.10                                                                      | 8.02 ± 0.10  |
| T                               | 0.20 ± 0.10                            | 0.20 ± 0.10              | 0.25 ± 0.10                                                                          | 0.25 ± 0.10 | 0.20 ± 0.10                                                                                                                                                          | 0.25 ± 0.10              | 0.25 ± 0.10                                                        | 0.20 ± 0.10                            | 0.25 ± 0.10                                                                      | 0.30 ± 0.10  |
| K <sub>0</sub>                  | 0.72 ± 0.10                            | 0.96 ± 0.10              | 0.90 ± 0.10                                                                          | 1.50 ± 0.10 | 0.87 ± 0.10                                                                                                                                                          | 1.30 ± 0.10              | 1.00 ± 0.10                                                        | 1.30 ± 0.10                            | 0.87 ± 0.06                                                                      | 0.91 ± 0.10  |
| Leader min.                     | 390                                    |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        |                                                                                  |              |
| Trailer min.                    | 160                                    |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        |                                                                                  |              |
| REEL DIMENSIONS: EIA-481-1 (mm) |                                        |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        |                                                                                  |              |
| H                               | 11.0 ± 0.5                             |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        | 16.0 ± 0.5                                                                       | 19.5 ± 1.0   |
| W                               | 9.0 ± 1.5                              |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        | 13.2 ± 1.5                                                                       | 17 ± 0.2     |
| C                               | Ø178 ± 1.0                             |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        | Ø178 ± 1.0                                                                       | Ø180 ± 3.0   |
| D                               | Ø60.2 ± 0.5                            |                          |                                                                                      |             |                                                                                                                                                                      |                          |                                                                    |                                        | Ø60.2 ± 0.5                                                                      | Ø60 ± 0.5    |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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