

# LXS Series

- For solar power generation
- Endurance with ripple current : 5,000 hours at 105°C
- Rated voltage range : 160 to 500V
- Downsized from LXQ series
- Non solvent resistant type
- RoHS Compliant



**500V  
Lineup!**



## ◆ SPECIFICATIONS

| Items   | Characteristics   |   |             |
|---|---|---|-------------|
| <b>Category</b>   | -25 to +105°C   |   |             |
| <b>Temperature Range</b>                                      | -25 to +105°C   |   |             |
| <b>Rated Voltage Range</b>                                    | 160 to 500V <sub>dc</sub>   |   |             |
| <b>Capacitance Tolerance</b>                                  | ±20% (M) (at 20°C, 120Hz)   |   |             |
| <b>Leakage Current</b>  | I ≤ 3/CV<br>Where, I : Max. leakage current (µA), C : Nominal capacitance (µF), V : Rated voltage (V) (at 20°C after 5 minutes)   |   |             |
| <b>Dissipation Factor (tan δ)</b>                             | Rated voltage (V <sub>dc</sub> )  | 160 to 400V   | 420 to 500V |
|   | tan δ (Max.)  | 0.15  | 0.20        |
| <b>Low Temperature Characteristics (Max. Impedance Ratio)</b> | Rated voltage (V <sub>dc</sub> )  | 160 to 400V   | 420 to 500V |
|   | Z(-25°C)/Z(+20°C)   | 4   | 8           |
| <b>Endurance</b>  | The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 5,000 hours at 105°C.   |   |             |
|   | Capacitance change  | ≤ ±20% of the initial value   |             |
|   | D.F. (tan δ)  | ≤ 200% of the initial specified value (500V <sub>dc</sub> : ≤ 250%) |             |
|   | Leakage current   | ≤ The initial specified value                                       |             |
| <b>Shelf Life</b>   | The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4. |   |             |
|   | Capacitance change  | ≤ ±15% of the initial value   |             |
|   | D.F. (tan δ)  | ≤ 150% of the initial specified value                               |             |
|   | Leakage current   | ≤ The initial specified value                                       |             |

## ◆ DIMENSIONS [mm]

● Terminal Code : VS (φ22 to φ35) : Standard

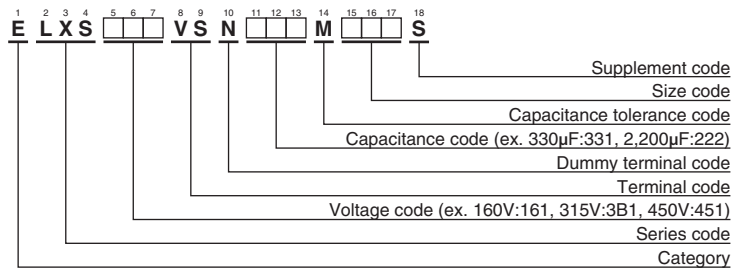


● Terminal Code : LI (φ30, φ35)



The standard design has no plastic disc.

## ◆ PART NUMBERING SYSTEM



Please refer to "Product code guide (snap-in type)"

◆STANDARD RATINGS

| WV<br>(V <sub>dc</sub> ) | Cap<br>(μF) | Case size<br>φD×L(mm) | tan δ | Rated ripple<br>current<br>(Arms/<br>105°C, 120Hz) | Part No.           | WV<br>(V <sub>dc</sub> ) | Cap<br>(μF) | Case size<br>φD×L(mm) | tan δ              | Rated ripple<br>current<br>(Arms/<br>105°C, 120Hz) | Part No.           |
|--------------------------|-------------|-----------------------|-------|--|--------------------|--------------------------|-------------|-----------------------|--------------------|--|--------------------|
|                          |             |                       |       |  |                    |                          |             |                       |                    |  |                    |
| 160                      | 470         | 22 × 25               | 0.15  | 1.47   | ELXS161VSN471MP25S | 200                      | 1,500       | 35 × 35               | 0.15               | 3.36   | ELXS201VSN152MA35S |
|                          | 680         | 22 × 30               | 0.15  | 1.86   | ELXS161VSN681MP30S |                          | 1,800       | 30 × 50               | 0.15               | 3.72   | ELXS201VSN182MR50S |
|                          | 680         | 25.4 × 25             | 0.15  | 1.84   | ELXS161VSN681MQ25S |                          | 1,800       | 35 × 40               | 0.15               | 3.81   | ELXS201VSN182MA40S |
|                          | 820         | 22 × 35               | 0.15  | 2.09   | ELXS161VSN821MP35S |                          | 2,200       | 35 × 45               | 0.15               | 4.32   | ELXS201VSN222MA45S |
|                          | 820         | 25.4 × 30             | 0.15  | 2.08   | ELXS161VSN821MQ30S |                          | 2,700       | 35 × 50               | 0.15               | 4.88   | ELXS201VSN272MA50S |
|                          | 1,000       | 22 × 40               | 0.15  | 2.35   | ELXS161VSN102MP40S |                          | 270         | 22 × 25               | 0.15               | 1.11   | ELXS251VSN271MP25S |
|                          | 1,000       | 22 × 45               | 0.15  | 2.40   | ELXS161VSN102MP45S |                          | 330         | 22 × 30               | 0.15               | 1.29   | ELXS251VSN331MP30S |
|                          | 1,000       | 25.4 × 35             | 0.15  | 2.40   | ELXS161VSN102MQ35S |                          | 390         | 22 × 35               | 0.15               | 1.44   | ELXS251VSN391MP35S |
|                          | 1,000       | 30 × 25               | 0.15  | 2.50   | ELXS161VSN102MR25S |                          | 390         | 25.4 × 25             | 0.15               | 1.40   | ELXS251VSN391MQ25S |
|                          | 1,200       | 22 × 50               | 0.15  | 2.69   | ELXS161VSN122MP50S |                          | 470         | 22 × 40               | 0.15               | 1.61   | ELXS251VSN471MP40S |
|                          | 1,200       | 25.4 × 40             | 0.15  | 2.68   | ELXS161VSN122MQ40S | 470                      | 25.4 × 30   | 0.15                  | 1.57               | ELXS251VSN471MQ30S                                 |                    |
|                          | 1,200       | 30 × 30               | 0.15  | 2.77   | ELXS161VSN122MR30S | 560                      | 22 × 45     | 0.15                  | 1.79               | ELXS251VSN561MP45S                                 |                    |
|                          | 1,200       | 35 × 25               | 0.15  | 2.91   | ELXS161VSN122MA25S | 560                      | 25.4 × 35   | 0.15                  | 1.79               | ELXS251VSN561MQ35S                                 |                    |
|                          | 1,500       | 25.4 × 45             | 0.15  | 3.05   | ELXS161VSN152MQ45S | 560                      | 30 × 25     | 0.15                  | 1.87               | ELXS251VSN561MR25S                                 |                    |
|                          | 1,500       | 30 × 35               | 0.15  | 3.17   | ELXS161VSN152MR35S | 680                      | 22 × 50     | 0.15                  | 2.02               | ELXS251VSN681MP50S                                 |                    |
|                          | 1,800       | 25.4 × 50             | 0.15  | 3.40   | ELXS161VSN182MQ50S | 680                      | 25.4 × 40   | 0.15                  | 2.02               | ELXS251VSN681MQ40S                                 |                    |
|                          | 1,800       | 30 × 40               | 0.15  | 3.57   | ELXS161VSN182MR40S | 680                      | 30 × 30     | 0.15                  | 2.08               | ELXS251VSN681MR30S                                 |                    |
|                          | 1,800       | 35 × 30               | 0.15  | 3.62   | ELXS161VSN182MA30S | 680                      | 35 × 25     | 0.15                  | 2.19               | ELXS251VSN681MA25S                                 |                    |
|                          | 2,200       | 30 × 45               | 0.15  | 4.05   | ELXS161VSN222MR45S | 820                      | 25.4 × 45   | 0.15                  | 2.26               | ELXS251VSN821MQ45S                                 |                    |
|                          | 2,200       | 30 × 50               | 0.15  | 4.11   | ELXS161VSN222MR50S | 820                      | 25.4 × 50   | 0.15                  | 2.29               | ELXS251VSN821MQ50S                                 |                    |
|                          | 2,200       | 35 × 35               | 0.15  | 4.07   | ELXS161VSN222MA35S | 820                      | 30 × 35     | 0.15                  | 2.34               | ELXS251VSN821MR35S                                 |                    |
|                          | 2,700       | 35 × 40               | 0.15  | 4.67   | ELXS161VSN272MA40S | 820                      | 35 × 30     | 0.15                  | 2.45               | ELXS251VSN821MA30S                                 |                    |
| 2,700                    | 35 × 45     | 0.15                  | 4.78  | ELXS161VSN272MA45S                                 | 1,000              | 30 × 40                  | 0.15        | 2.66                  | ELXS251VSN102MR40S |  |                    |
| 3,300                    | 35 × 50     | 0.15                  | 5.40  | ELXS161VSN332MA50S                                 | 1,200              | 30 × 45                  | 0.15        | 2.99                  | ELXS251VSN122MR45S |  |                    |
| 180                      | 390         | 22 × 25               | 0.15  | 1.34   | ELXS181VSN391MP25S | 1,200                    | 30 × 50     | 0.15                  | 3.04               | ELXS251VSN122MR50S                                 |                    |
|                          | 560         | 22 × 30               | 0.15  | 1.68   | ELXS181VSN561MP30S | 1,200                    | 35 × 35     | 0.15                  | 3.00               | ELXS251VSN122MA35S                                 |                    |
|                          | 560         | 25.4 × 25             | 0.15  | 1.67   | ELXS181VSN561MQ25S | 1,200                    | 35 × 40     | 0.15                  | 3.11               | ELXS251VSN122MA40S                                 |                    |
|                          | 680         | 22 × 35               | 0.15  | 1.90   | ELXS181VSN681MP35S | 1,500                    | 35 × 45     | 0.15                  | 3.56               | ELXS251VSN152MA45S                                 |                    |
|                          | 820         | 22 × 40               | 0.15  | 2.13   | ELXS181VSN821MP40S | 1,800                    | 35 × 50     | 0.15                  | 3.98               | ELXS251VSN182MA50S                                 |                    |
|                          | 820         | 25.4 × 30             | 0.15  | 2.08   | ELXS181VSN821MQ30S | 180                      | 22 × 25     | 0.15                  | 0.95               | ELXS3B1VSN181MP25S                                 |                    |
|                          | 820         | 25.4 × 35             | 0.15  | 2.17   | ELXS181VSN821MQ35S | 220                      | 22 × 30     | 0.15                  | 1.10               | ELXS3B1VSN221MP30S                                 |                    |
|                          | 820         | 30 × 25               | 0.15  | 2.26   | ELXS181VSN821MR25S | 220                      | 25.4 × 25   | 0.15                  | 1.10               | ELXS3B1VSN221MQ25S                                 |                    |
|                          | 1,000       | 22 × 45               | 0.15  | 2.40   | ELXS181VSN102MP45S | 270                      | 22 × 35     | 0.15                  | 1.24               | ELXS3B1VSN271MP35S                                 |                    |
|                          | 1,000       | 22 × 50               | 0.15  | 2.45   | ELXS181VSN102MP50S | 270                      | 25.4 × 30   | 0.15                  | 1.25               | ELXS3B1VSN271MQ30S                                 |                    |
|                          | 1,000       | 25.4 × 40             | 0.15  | 2.45   | ELXS181VSN102MQ40S | 330                      | 22 × 40     | 0.15                  | 1.40               | ELXS3B1VSN331MP40S                                 |                    |
|                          | 1,000       | 30 × 30               | 0.15  | 2.52   | ELXS181VSN102MR30S | 330                      | 30 × 25     | 0.15                  | 1.43               | ELXS3B1VSN331MR25S                                 |                    |
|                          | 1,000       | 35 × 25               | 0.15  | 2.66   | ELXS181VSN102MA25S | 390                      | 22 × 45     | 0.15                  | 1.56               | ELXS3B1VSN391MP45S                                 |                    |
|                          | 1,200       | 25.4 × 45             | 0.15  | 2.73   | ELXS181VSN122MQ45S | 390                      | 22 × 50     | 0.15                  | 1.59               | ELXS3B1VSN391MP50S                                 |                    |
|                          | 1,200       | 30 × 35               | 0.15  | 2.83   | ELXS181VSN122MR35S | 390                      | 25.4 × 35   | 0.15                  | 1.57               | ELXS3B1VSN391MQ35S                                 |                    |
|                          | 1,500       | 25.4 × 50             | 0.15  | 3.10   | ELXS181VSN152MQ50S | 470                      | 25.4 × 40   | 0.15                  | 1.76               | ELXS3B1VSN471MQ40S                                 |                    |
|                          | 1,500       | 30 × 40               | 0.15  | 3.26   | ELXS181VSN152MR40S | 470                      | 25.4 × 45   | 0.15                  | 1.79               | ELXS3B1VSN471MQ45S                                 |                    |
|                          | 1,500       | 35 × 30               | 0.15  | 3.31   | ELXS181VSN152MA30S | 470                      | 30 × 30     | 0.15                  | 1.73               | ELXS3B1VSN471MR30S                                 |                    |
|                          | 1,800       | 30 × 45               | 0.15  | 3.66   | ELXS181VSN182MR45S | 470                      | 35 × 25     | 0.15                  | 1.82               | ELXS3B1VSN471MA25S                                 |                    |
|                          | 1,800       | 35 × 35               | 0.15  | 3.68   | ELXS181VSN182MA35S | 560                      | 25.4 × 50   | 0.15                  | 1.99               | ELXS3B1VSN561MQ50S                                 |                    |
|                          | 2,200       | 30 × 50               | 0.15  | 4.11   | ELXS181VSN222MR50S | 560                      | 30 × 35     | 0.15                  | 1.93               | ELXS3B1VSN561MR35S                                 |                    |
|                          | 2,200       | 35 × 40               | 0.15  | 4.22   | ELXS181VSN222MA40S | 560                      | 35 × 30     | 0.15                  | 2.02               | ELXS3B1VSN561MA30S                                 |                    |
| 2,200                    | 35 × 45     | 0.15                  | 4.32  | ELXS181VSN222MA45S                                 | 680                | 30 × 40                  | 0.15        | 2.19                  | ELXS3B1VSN681MR40S |  |                    |
| 2,700                    | 35 × 50     | 0.15                  | 4.88  | ELXS181VSN272MA50S                                 | 680                | 30 × 45                  | 0.15        | 2.25                  | ELXS3B1VSN681MR45S |  |                    |
| 390                      | 22 × 25     | 0.15                  | 1.34  | ELXS201VSN391MP25S                                 | 680                | 35 × 35                  | 0.15        | 2.26                  | ELXS3B1VSN681MA35S |  |                    |
| 470                      | 22 × 30     | 0.15                  | 1.54  | ELXS201VSN471MP30S                                 | 820                | 30 × 50                  | 0.15        | 2.51                  | ELXS3B1VSN821MR50S |  |                    |
| 560                      | 22 × 35     | 0.15                  | 1.72  | ELXS201VSN561MP35S                                 | 820                | 35 × 40                  | 0.15        | 2.57                  | ELXS3B1VSN821MA40S |  |                    |
| 560                      | 25.4 × 25   | 0.15                  | 1.67  | ELXS201VSN561MQ25S                                 | 1,000              | 35 × 45                  | 0.15        | 2.91                  | ELXS3B1VSN102MA45S |  |                    |
| 680                      | 22 × 40     | 0.15                  | 1.94  | ELXS201VSN681MP40S                                 | 1,200              | 35 × 50                  | 0.15        | 3.25                  | ELXS3B1VSN122MA50S |  |                    |
| 680                      | 25.4 × 30   | 0.15                  | 1.89  | ELXS201VSN681MQ30S                                 | 120                | 22 × 25                  | 0.15        | 0.77                  | ELXS401VSN121MP25S |  |                    |
| 680                      | 30 × 25     | 0.15                  | 2.06  | ELXS201VSN681MR25S                                 | 150                | 22 × 30                  | 0.15        | 0.90                  | ELXS401VSN151MP30S |  |                    |
| 820                      | 22 × 45     | 0.15                  | 2.17  | ELXS201VSN821MP45S                                 | 180                | 22 × 35                  | 0.15        | 1.02                  | ELXS401VSN181MP35S |  |                    |
| 820                      | 25.4 × 35   | 0.15                  | 2.17  | ELXS201VSN821MQ35S                                 | 180                | 25.4 × 25                | 0.15        | 0.99                  | ELXS401VSN181MQ25S |  |                    |
| 1,000                    | 22 × 50     | 0.15                  | 2.45  | ELXS201VSN102MP50S                                 | 220                | 22 × 40                  | 0.15        | 1.15                  | ELXS401VSN221MP40S |  |                    |
| 1,000                    | 25.4 × 40   | 0.15                  | 2.45  | ELXS201VSN102MQ40S                                 | 220                | 25.4 × 30                | 0.15        | 1.13                  | ELXS401VSN221MQ30S |  |                    |
| 1,000                    | 30 × 30     | 0.15                  | 2.52  | ELXS201VSN102MR30S                                 | 220                | 30 × 25                  | 0.15        | 1.17                  | ELXS401VSN221MQ25S |  |                    |
| 1,000                    | 35 × 25     | 0.15                  | 2.66  | ELXS201VSN102MA25S                                 | 270                | 22 × 45                  | 0.15        | 1.29                  | ELXS401VSN271MP45S |  |                    |
| 1,200                    | 25.4 × 45   | 0.15                  | 2.73  | ELXS201VSN122MQ45S                                 | 270                | 22 × 50                  | 0.15        | 1.32                  | ELXS401VSN271MP50S |  |                    |
| 1,200                    | 25.4 × 50   | 0.15                  | 2.78  | ELXS201VSN122MQ50S                                 | 270                | 25.4 × 35                | 0.15        | 1.30                  | ELXS401VSN271MQ35S |  |                    |
| 1,200                    | 30 × 35     | 0.15                  | 2.83  | ELXS201VSN122MR35S                                 | 330                | 25.4 × 40                | 0.15        | 1.47                  | ELXS401VSN331MQ40S |  |                    |
| 1,200                    | 35 × 30     | 0.15                  | 2.96  | ELXS201VSN122MA30S                                 | 330                | 30 × 30                  | 0.15        | 1.45                  | ELXS401VSN331MR30S |  |                    |
| 1,500                    | 30 × 40     | 0.15                  | 3.26  | ELXS201VSN152MR40S                                 | 330                | 35 × 25                  | 0.15        | 1.52                  | ELXS401VSN331MA25S |  |                    |
| 1,500                    | 30 × 45     | 0.15                  | 3.34  | ELXS201VSN152MR45S                                 | 390                | 25.4 × 45                | 0.15        | 1.63                  | ELXS401VSN391MQ45S |  |                    |

◆STANDARD RATINGS

| WV (V <sub>dc</sub> ) | Cap (μF) | Case size φD×L(mm) | tan δ | Rated ripple current (Arms/105°C, 120Hz) | Part No.           |
|-----------------------|----------|--------------------|-------|--|--------------------|
| 400                   | 390      | 25.4 × 50          | 0.15  | 1.66                                     | ELXS401VSN391MQ50S |
|                       | 390      | 30 × 35            | 0.15  | 1.61                                     | ELXS401VSN391MR35S |
|                       | 390      | 35 × 30            | 0.15  | 1.68                                     | ELXS401VSN391MA30S |
|                       | 470      | 30 × 40            | 0.15  | 1.82                                     | ELXS401VSN471MR40S |
|                       | 470      | 35 × 35            | 0.15  | 1.88                                     | ELXS401VSN471MA35S |
|                       | 560      | 30 × 45            | 0.15  | 2.04                                     | ELXS401VSN561MR45S |
|                       | 560      | 30 × 50            | 0.15  | 2.07                                     | ELXS401VSN561MR50S |
|                       | 560      | 35 × 40            | 0.15  | 2.13                                     | ELXS401VSN561MA40S |
|                       | 680      | 35 × 45            | 0.15  | 2.40                                     | ELXS401VSN681MA45S |
|                       | 820      | 35 × 50            | 0.15  | 2.69                                     | ELXS401VSN821MA50S |
| 420                   | 100      | 22 × 25            | 0.20  | 0.70                                     | ELXS421VSN101MP25S |
|                       | 120      | 22 × 30            | 0.20  | 0.81                                     | ELXS421VSN121MP30S |
|                       | 120      | 25.4 × 25          | 0.20  | 0.81                                     | ELXS421VSN121MQ25S |
|                       | 150      | 22 × 35            | 0.20  | 0.93                                     | ELXS421VSN151MP35S |
|                       | 180      | 22 × 40            | 0.20  | 1.04                                     | ELXS421VSN181MP40S |
|                       | 180      | 25.4 × 30          | 0.20  | 1.02                                     | ELXS421VSN181MQ30S |
|                       | 180      | 30 × 25            | 0.20  | 1.06                                     | ELXS421VSN181MR25S |
|                       | 220      | 22 × 45            | 0.20  | 1.17                                     | ELXS421VSN221MP45S |
|                       | 220      | 22 × 50            | 0.20  | 1.20                                     | ELXS421VSN221MP50S |
|                       | 220      | 25.4 × 35          | 0.20  | 1.18                                     | ELXS421VSN221MQ35S |
|                       | 270      | 25.4 × 40          | 0.20  | 1.33                                     | ELXS421VSN271MQ40S |
|                       | 270      | 25.4 × 45          | 0.20  | 1.36                                     | ELXS421VSN271MQ45S |
|                       | 270      | 30 × 30            | 0.20  | 1.31                                     | ELXS421VSN271MR30S |
|                       | 270      | 35 × 25            | 0.20  | 1.38                                     | ELXS421VSN271MA25S |
|                       | 330      | 25.4 × 50          | 0.20  | 1.52                                     | ELXS421VSN331MQ50S |
|                       | 330      | 30 × 35            | 0.20  | 1.48                                     | ELXS421VSN331MR35S |
|                       | 330      | 35 × 30            | 0.20  | 1.55                                     | ELXS421VSN331MA30S |
|                       | 390      | 30 × 40            | 0.20  | 1.66                                     | ELXS421VSN391MR40S |
|                       | 390      | 30 × 45            | 0.20  | 1.70                                     | ELXS421VSN391MR45S |
|                       | 390      | 35 × 35            | 0.20  | 1.71                                     | ELXS421VSN391MA35S |
|                       | 470      | 30 × 50            | 0.20  | 1.90                                     | ELXS421VSN471MR50S |
|                       | 470      | 35 × 40            | 0.20  | 1.95                                     | ELXS421VSN471MA40S |
|                       | 560      | 35 × 45            | 0.20  | 2.17                                     | ELXS421VSN561MA45S |
|                       | 680      | 35 × 50            | 0.20  | 2.45                                     | ELXS421VSN681MA50S |

| WV (V <sub>dc</sub> ) | Cap (μF) | Case size φD×L(mm) | tan δ   | Rated ripple current (Arms/105°C, 120Hz) | Part No.           |                    |
|-----------------------|----------|--------------------|---------|--|--------------------|--------------------|
| 450                   | 82       | 22 × 25            | 0.20    | 0.64                                     | ELXS451VSN820MP25S |                    |
|                       | 120      | 22 × 30            | 0.20    | 0.81                                     | ELXS451VSN121MP30S |                    |
|                       | 120      | 22 × 35            | 0.20    | 0.83                                     | ELXS451VSN121MP35S |                    |
|                       | 120      | 25.4 × 25          | 0.20    | 0.81                                     | ELXS451VSN121MQ25S |                    |
|                       | 150      | 22 × 40            | 0.20    | 0.94                                     | ELXS451VSN151MP40S |                    |
|                       | 150      | 25.4 × 30          | 0.20    | 0.93                                     | ELXS451VSN151MQ30S |                    |
|                       | 180      | 22 × 45            | 0.20    | 1.06                                     | ELXS451VSN181MP45S |                    |
|                       | 180      | 25.4 × 35          | 0.20    | 1.06                                     | ELXS451VSN181MQ35S |                    |
|                       | 180      | 30 × 25            | 0.20    | 1.06                                     | ELXS451VSN181MR25S |                    |
|                       | 220      | 22 × 50            | 0.20    | 1.20                                     | ELXS451VSN221MP50S |                    |
|                       | 220      | 25.4 × 40          | 0.20    | 1.20                                     | ELXS451VSN221MQ40S |                    |
|                       | 220      | 30 × 30            | 0.20    | 1.18                                     | ELXS451VSN221MR30S |                    |
|                       | 220      | 35 × 25            | 0.20    | 1.24                                     | ELXS451VSN221MA25S |                    |
|                       | 270      | 25.4 × 45          | 0.20    | 1.36                                     | ELXS451VSN271MQ45S |                    |
|                       | 270      | 25.4 × 50          | 0.20    | 1.38                                     | ELXS451VSN271MQ50S |                    |
|                       | 270      | 30 × 35            | 0.20    | 1.34                                     | ELXS451VSN271MR35S |                    |
|                       | 270      | 35 × 30            | 0.20    | 1.40                                     | ELXS451VSN271MA30S |                    |
|                       | 330      | 30 × 40            | 0.20    | 1.52                                     | ELXS451VSN331MR40S |                    |
|                       | 390      | 30 × 45            | 0.20    | 1.70                                     | ELXS451VSN391MR45S |                    |
|                       | 390      | 30 × 50            | 0.20    | 1.73                                     | ELXS451VSN391MR50S |                    |
|                       | 390      | 35 × 35            | 0.20    | 1.71                                     | ELXS451VSN391MA35S |                    |
|                       | 470      | 35 × 40            | 0.20    | 1.95                                     | ELXS451VSN471MA40S |                    |
|                       | 470      | 35 × 45            | 0.20    | 1.99                                     | ELXS451VSN471MA45S |                    |
|                       | 560      | 35 × 50            | 0.20    | 2.22                                     | ELXS451VSN561MA50S |                    |
|                       | 500      | 100                | 30 × 25 | 0.20                                     | 0.82               | ELXS501VSN101MR25S |
|                       |          | 120                | 30 × 30 | 0.20                                     | 0.91               | ELXS501VSN121MR30S |
| 120                   |          | 35 × 25            | 0.20    | 0.88                                     | ELXS501VSN121MA25S |                    |
| 150                   |          | 30 × 35            | 0.20    | 1.04                                     | ELXS501VSN151MR35S |                    |
| 180                   |          | 30 × 40            | 0.20    | 1.17                                     | ELXS501VSN181MR40S |                    |
| 180                   |          | 35 × 30            | 0.20    | 1.10                                     | ELXS501VSN181MA30S |                    |
| 220                   |          | 30 × 45            | 0.20    | 1.33                                     | ELXS501VSN221MR45S |                    |
| 220                   |          | 35 × 35            | 0.20    | 1.23                                     | ELXS501VSN221MA35S |                    |
| 270                   |          | 30 × 50            | 0.20    | 1.50                                     | ELXS501VSN271MR50S |                    |
| 270                   |          | 35 × 40            | 0.20    | 1.42                                     | ELXS501VSN271MA40S |                    |
| 330                   | 35 × 45  | 0.20               | 1.60    | ELXS501VSN331MA45S                       |                    |                    |
| 390                   | 35 × 50  | 0.20               | 1.78    | ELXS501VSN391MA50S                       |                    |                    |
| 470                   | 35 × 60  | 0.20               | 2.03    | ELXS501VSN471MA60S                       |                    |                    |

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

| Frequency(Hz)             | 50   | 120  | 300  | 1k   | 10k  | 50k  |
|---------------------------|------|------|------|------|------|------|
| 160 to 250V <sub>dc</sub> | 0.81 | 1.00 | 1.17 | 1.32 | 1.45 | 1.50 |
| 315 to 450V <sub>dc</sub> | 0.77 | 1.00 | 1.16 | 1.30 | 1.41 | 1.43 |
| 500V <sub>dc</sub>        | 0.70 | 1.00 | 1.16 | 1.30 | 1.41 | 1.43 |

The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced.



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

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.