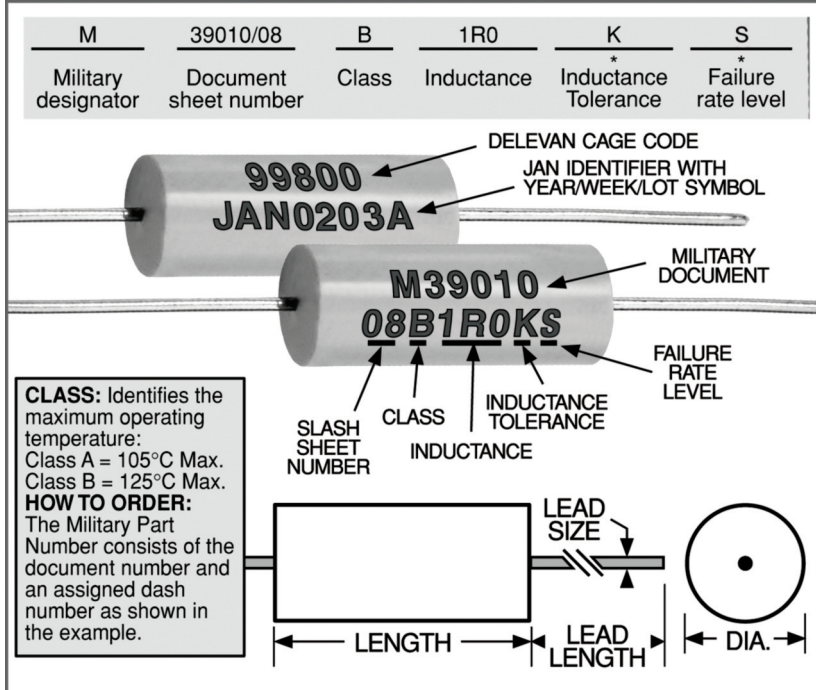


## Established Reliability Inductors

| Physical Parameters and Environmental Characteristics | ER1641               |                      |                      | ER1840               |                      | ER1537               |                      | ER1025                |                       |                       |
|-------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
|                                                       | MIL-PRF-39010/01     | MIL-PRF-39010/02     | MIL-PRF-39010/03     | MIL-PRF-39010/04     | MIL-PRF-39010/05     | MIL-PRF-39010/06     | MIL-PRF-39010/07     | MIL-PRF-39010/08      | MIL-PRF-39010/09      | MIL-PRF-39010/10      |
| Inductance Range, $\mu\text{H}$                       | 0.10 to 0.82         | 0.91 to 12.0         | 15 to 1000           | 0.15 to 2.7          | 3.0 to 27.0          | 0.15 to 4.7          | 5.1 to 240.0         | 0.10 to 1.00          | 1.1 to 27.0           | 30 to 1000            |
| Core Material                                         | Phenolic             | Iron                 | Ferrite              | Phenolic             | Iron                 | Phenolic             | Iron                 | Phenolic              | Iron                  | Ferrite               |
| Sleeve                                                | Iron                 | Iron                 | Ferrite              | —                    | —                    | —                    | —                    | —                     | —                     | —                     |
| Length, Inches                                        | 0.410<br>$\pm 0.020$ | 0.410<br>$\pm 0.020$ | 0.410<br>$\pm 0.020$ | 0.437<br>$\pm 0.01$  | 0.437<br>$\pm 0.01$  | 0.375<br>$\pm 0.010$ | 0.375<br>$\pm 0.010$ | 0.250<br>$\pm 0.010$  | 0.250<br>$\pm 0.010$  | 0.250<br>$\pm 0.010$  |
| Millimeters                                           | 10.41<br>$\pm 0.51$  | 10.41<br>$\pm 0.51$  | 10.41<br>$\pm 0.51$  | 11.10<br>$\pm 0.25$  | 11.10<br>$\pm 0.25$  | 9.53<br>$\pm 0.25$   | 9.53<br>$\pm 0.25$   | 6.35<br>$\pm 0.25$    | 6.35<br>$\pm 0.25$    | 6.35<br>$\pm 0.25$    |
| Diameter, Inches                                      | 0.162<br>$\pm 0.010$ | 0.162<br>$\pm 0.010$ | 0.162<br>$\pm 0.010$ | 0.187<br>$\pm 0.010$ | 0.187<br>$\pm 0.010$ | 0.156<br>$\pm 0.010$ | 0.156<br>$\pm 0.010$ | 0.095<br>$\pm 0.010$  | 0.095<br>$\pm 0.010$  | 0.095<br>$\pm 0.010$  |
| Millimeters                                           | 4.11<br>$\pm 0.25$   | 4.11<br>$\pm 0.25$   | 4.11<br>$\pm 0.25$   | 4.75<br>$\pm 0.25$   | 4.75<br>$\pm 0.25$   | 3.96<br>$\pm 0.25$   | 3.96<br>$\pm 0.25$   | 2.41<br>$\pm 0.25$    | 2.41<br>$\pm 0.25$    | 2.41<br>$\pm 0.25$    |
| Lead Size — AWG #                                     | #22 TCW              | #22 TCW              | #22 TCW              | #22 TCW              | #22 TCW              | #22 TCW              | #22 TCW              | #24 TCW               | #24 TCW               | #24 TCW               |
| Inches                                                | 0.025<br>$\pm 0.002$ | 0.025<br>$\pm 0.002$ | 0.025<br>$\pm 0.002$ | 0.025<br>$\pm 0.002$ | 0.025<br>$\pm 0.002$ | 0.025<br>$\pm 0.002$ | 0.025<br>$\pm 0.002$ | 0.020<br>$\pm 0.0015$ | 0.020<br>$\pm 0.0015$ | 0.020<br>$\pm 0.0015$ |
| Millimeters                                           | 0.635<br>$\pm 0.051$ | 0.635<br>$\pm 0.051$ | 0.635<br>$\pm 0.051$ | 0.635<br>$\pm 0.051$ | 0.635<br>$\pm 0.051$ | 0.635<br>$\pm 0.051$ | 0.635<br>$\pm 0.051$ | 0.51<br>$\pm 0.04$    | 0.51<br>$\pm 0.04$    | 0.51<br>$\pm 0.04$    |
| Lead Length, Inches                                   | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$ | 1.438<br>$\pm 0.188$  | 1.438<br>$\pm 0.188$  | 1.438<br>$\pm 0.188$  |
| Millimeters                                           | 36.53<br>$\pm 4.77$  | 36.53<br>$\pm 4.77$  | 36.53<br>$\pm 4.77$  | 36.58<br>$\pm 3.05$  | 36.58<br>$\pm 3.05$  | 36.53<br>$\pm 4.77$  | 36.53<br>$\pm 4.77$  | 36.53<br>$\pm 4.77$   | 36.53<br>$\pm 4.77$   | 36.53<br>$\pm 4.77$   |
| Weight Max. (Grams)                                   | 0.85                 | 1.0                  | 1.0                  | 0.95                 | 0.95                 | 0.9                  | 0.9                  | 0.3                   | 0.3                   | 0.3                   |
| Current Rating at 90°C,<br>Max. Rise °C               | 15                   | 15                   | 15                   | 35                   | 15                   | 35                   | 15                   | 35                    | 15                    | 15                    |
| Operating Temp. °C                                    | -55 to +105          | -55 to +105          | -55 to +105          | -55 to +125          | -55 to +105          | -55 to +125          | -55 to +105          | -55 to +125           | -55 to +105           | -55 to +105           |
| Max. Power Dissipation<br>at 90°C, Watts              | 0.11                 | 0.11                 | 0.11                 | 0.385                | 0.385                | 0.312                | 0.134                | 0.21                  | 0.09                  | 0.073                 |
| Coupling                                              | 3% Max.              | 3% Max.              | 3% Max.              | —                    | —                    | —                    | —                    | —                     | —                     | —                     |
| Body Color                                            | Black                | Black                | Black                | Tan                  | Tan                  | Tan                  | Tan                  | Tan                   | Tan                   | Tan                   |

## MARKING EXAMPLE &amp; ORDERING INFORMATION



**MIL-PRF-39010 Molded RF Coils** with Sn10 high-temperature solder for internal connections.

**Approved Through Failure Rate Level S**

**Note** The complete Military dash numbers will include two additional letters, indicated in the tables on the following three pages by \*\*. The first additional letter will indicate tolerance: J indicates  $\pm 5\%$ ; K indicates  $\pm 10\%$ ; L indicates  $\pm 20\%$ .

The second letter will indicate the failure rate (e.g., M, P, R, S).

**Packaging** Tape & reel

ER1025: 12" reel, 3500 pieces max.; 14" reel, 6000 pieces max.

ER1537 and ER1641: 12" reel, 2500 pieces max.; 14" reel, 4000 pieces max.

ER1840: 12" reel, 2500 pieces max.; 14" reel, 3000 pieces max. For additional packaging options, see technical section.

**Made in the U.S.A.**

CONTINUED ON NEXT PAGE

## ER SERIES (continued)

| DELEVAN PART NUMBER | DASH NUMBER | MILITARY | INDUCTANCE (μH) | IND. TOLERANCE (%) | TEST FREQUENCY (MHz) | Q MINIMUM | SRF MINIMUM (MHz) | DC RESISTANCE (OHMS @ 25°C) | CURRENT (mA) | RATED DC |
|---------------------|-------------|----------|-----------------|--------------------|----------------------|-----------|-------------------|-----------------------------|--------------|----------|
| MIL-PRF-39010/01    |             |          |                 |                    |                      |           |                   |                             |              |          |
| ER1641-101**        | AR10**      | 0.10     | 5.10            | 50                 | 25.0                 | 250       | 0.025             | 1,790                       |              |          |
| ER1641-111**        | AR11**      | 0.11     | 5               | 50                 | 25.0                 | 250       | 0.034             | 1,530                       |              |          |
| ER1641-121**        | AR12**      | 0.12     | 5.10            | 50                 | 25.0                 | 250       | 0.034             | 1,530                       |              |          |
| ER1641-131**        | AR13**      | 0.13     | 5               | 50                 | 25.0                 | 250       | 0.037             | 1,470                       |              |          |
| ER1641-151**        | AR15**      | 0.15     | 5.10            | 50                 | 25.0                 | 250       | 0.037             | 1,470                       |              |          |
| ER1641-161**        | AR16**      | 0.16     | 5               | 50                 | 25.0                 | 250       | 0.047             | 1,300                       |              |          |
| ER1641-181**        | AR18**      | 0.18     | 5.10            | 50                 | 25.0                 | 250       | 0.047             | 1,300                       |              |          |
| ER1641-201**        | AR20**      | 0.20     | 5               | 49                 | 25.0                 | 250       | 0.067             | 1,100                       |              |          |
| ER1641-221**        | AR22**      | 0.22     | 5.10            | 49                 | 25.0                 | 250       | 0.067             | 1,100                       |              |          |
| ER1641-241**        | AR24**      | 0.24     | 5               | 47                 | 25.0                 | 250       | 0.110             | 853                         |              |          |
| ER1641-271**        | AR27**      | 0.27     | 5.10            | 47                 | 25.0                 | 250       | 0.110             | 853                         |              |          |
| ER1641-301**        | AR30**      | 0.30     | 5               | 46                 | 25.0                 | 250       | 0.130             | 780                         |              |          |
| ER1641-331**        | AR33**      | 0.33     | 5.10            | 46                 | 25.0                 | 250       | 0.130             | 780                         |              |          |
| ER1641-361**        | AR36**      | 0.36     | 5               | 44                 | 25.0                 | 250       | 0.180             | 670                         |              |          |
| ER1641-391**        | AR39**      | 0.39     | 5.10            | 44                 | 25.0                 | 250       | 0.180             | 670                         |              |          |
| ER1641-431**        | AR43**      | 0.43     | 5               | 44                 | 25.0                 | 235       | 0.250             | 565                         |              |          |
| ER1641-471**        | AR47**      | 0.47     | 5.10            | 44                 | 25.0                 | 235       | 0.250             | 565                         |              |          |
| ER1641-511**        | AR51**      | 0.51     | 5               | 43                 | 25.0                 | 210       | 0.330             | 490                         |              |          |
| ER1641-561**        | AR56**      | 0.56     | 5.10            | 43                 | 25.0                 | 210       | 0.330             | 490                         |              |          |
| ER1641-621**        | AR62**      | 0.62     | 5               | 42                 | 25.0                 | 190       | 0.450             | 420                         |              |          |
| ER1641-681**        | AR68**      | 0.68     | 5.10            | 42                 | 25.0                 | 190       | 0.450             | 420                         |              |          |
| ER1641-751**        | AR75**      | 0.75     | 5               | 40                 | 25.0                 | 180       | 0.590             | 370                         |              |          |
| ER1641-821**        | AR82**      | 0.82     | 5.10            | 40                 | 25.0                 | 180       | 0.590             | 370                         |              |          |
| MIL-PRF-39010/02    |             |          |                 |                    |                      |           |                   |                             |              |          |
| ER1641-911**        | AR91**      | 0.91     | 5               | 44                 | 25.0                 | 140       | 0.070             | 1,070                       |              |          |
| ER1641-102**        | A1R0**      | 1.00     | 5.10            | 44                 | 25.0                 | 140       | 0.070             | 1,070                       |              |          |
| ER1641-112**        | A1R1**      | 1.10     | 5               | 44                 | 7.9                  | 130       | 0.100             | 895                         |              |          |
| ER1641-122**        | A1R2**      | 1.20     | 5.10            | 44                 | 7.9                  | 130       | 0.100             | 895                         |              |          |
| ER1641-132**        | A1R3**      | 1.30     | 5               | 44                 | 7.9                  | 115       | 0.120             | 815                         |              |          |
| ER1641-152**        | A1R5**      | 1.50     | 5.10            | 44                 | 7.9                  | 115       | 0.120             | 815                         |              |          |
| ER1641-162**        | A1R6**      | 1.60     | 5               | 44                 | 7.9                  | 105       | 0.140             | 755                         |              |          |
| ER1641-182**        | A1R8**      | 1.80     | 5.10            | 44                 | 7.9                  | 105       | 0.140             | 755                         |              |          |
| ER1641-202**        | A2R0**      | 2.00     | 5               | 44                 | 7.9                  | 100       | 0.190             | 650                         |              |          |
| ER1641-222**        | A2R2**      | 2.20     | 5.10            | 44                 | 7.9                  | 100       | 0.190             | 650                         |              |          |
| ER1641-242**        | A2R4**      | 2.40     | 5               | 44                 | 7.9                  | 92        | 0.280             | 535                         |              |          |
| ER1641-272**        | A2R7**      | 2.70     | 5.10            | 44                 | 7.9                  | 92        | 0.280             | 535                         |              |          |
| ER1641-302**        | A3R0**      | 3.00     | 5               | 44                 | 7.9                  | 85        | 0.350             | 480                         |              |          |
| ER1641-332**        | A3R3**      | 3.30     | 5.10            | 44                 | 7.9                  | 85        | 0.350             | 480                         |              |          |
| ER1641-362**        | A3R6**      | 3.60     | 5               | 44                 | 7.9                  | 75        | 0.400             | 450                         |              |          |
| ER1641-392**        | A3R9**      | 3.90     | 5.10            | 44                 | 7.9                  | 75        | 0.400             | 450                         |              |          |
| ER1641-432**        | A4R3**      | 4.30     | 5               | 44                 | 7.9                  | 70        | 0.550             | 380                         |              |          |
| ER1641-472**        | A4R7**      | 4.70     | 5.10            | 44                 | 7.9                  | 70        | 0.550             | 380                         |              |          |
| ER1641-512**        | A5R1**      | 5.10     | 5               | 44                 | 7.9                  | 65        | 0.720             | 335                         |              |          |
| ER1641-562**        | A5R6**      | 5.60     | 5.10            | 44                 | 7.9                  | 65        | 0.720             | 335                         |              |          |
| ER1641-622**        | A6R2**      | 6.20     | 5               | 44                 | 7.9                  | 55        | 1.020             | 280                         |              |          |
| ER1641-682**        | A6R8**      | 6.80     | 5.10            | 50                 | 7.9                  | 55        | 1.020             | 280                         |              |          |
| ER1641-752**        | A7R5**      | 7.50     | 5               | 50                 | 7.9                  | 50        | 1.320             | 245                         |              |          |
| ER1641-822**        | A8R2**      | 8.20     | 5.10            | 50                 | 7.9                  | 50        | 1.320             | 245                         |              |          |
| ER1641-912**        | A9R1**      | 9.10     | 5               | 50                 | 7.9                  | 46        | 1.620             | 220                         |              |          |
| ER1641-103**        | A100**      | 10.00    | 5.10            | 50                 | 7.9                  | 46        | 1.620             | 220                         |              |          |
| ER1641-113**        | A110**      | 11.00    | 5               | 50                 | 2.5                  | 44        | 2.000             | 200                         |              |          |
| ER1641-123**        | A120**      | 12.00    | 5.10            | 50                 | 2.5                  | 44        | 2.000             | 200                         |              |          |
| MIL-PRF-39010/03    |             |          |                 |                    |                      |           |                   |                             |              |          |
| ER1641-153**        | A150**      | 15       | 5.10            | 45                 | 2.50                 | 49.0      | 0.80              | 315                         |              |          |
| ER1641-163**        | A160**      | 16       | 5               | 45                 | 2.50                 | 45.0      | 0.89              | 300                         |              |          |
| ER1641-183**        | A180**      | 18       | 5.10            | 45                 | 2.50                 | 45.0      | 0.89              | 300                         |              |          |
| ER1641-203**        | A200**      | 20       | 5               | 45                 | 2.50                 | 41.0      | 0.96              | 290                         |              |          |
| ER1641-223**        | A220**      | 22       | 5.10            | 45                 | 2.50                 | 41.0      | 0.96              | 290                         |              |          |
| ER1641-243**        | A240**      | 24       | 5               | 45                 | 2.50                 | 38.0      | 1.19              | 260                         |              |          |
| ER1641-273**        | A270**      | 27       | 5.10            | 45                 | 2.50                 | 38.0      | 1.19              | 260                         |              |          |
| ER1641-303**        | A300**      | 30       | 5               | 45                 | 2.50                 | 34.0      | 1.37              | 240                         |              |          |
| ER1641-333**        | A330**      | 33       | 5.10            | 45                 | 2.50                 | 34.0      | 1.37              | 240                         |              |          |
| ER1641-363**        | A360**      | 36       | 5               | 45                 | 2.50                 | 29.0      | 1.93              | 205                         |              |          |
| ER1641-393**        | A390**      | 39       | 5.10            | 50                 | 2.50                 | 29.0      | 1.93              | 205                         |              |          |
| ER1641-433**        | A430**      | 43       | 5               | 50                 | 2.50                 | 27.0      | 2.11              | 195                         |              |          |
| ER1641-473**        | A470**      | 47       | 5.10            | 50                 | 2.50                 | 27.0      | 2.11              | 195                         |              |          |
| ER1641-513**        | A510**      | 51       | 5               | 50                 | 2.50                 | 25.0      | 2.23              | 190                         |              |          |
| ER1641-563**        | A560**      | 56       | 5.10            | 50                 | 2.50                 | 25.0      | 2.23              | 190                         |              |          |

| MIL-PRF-39010/03 (continued) |        |       |         |    |      |      |       |       |
|------------------------------|--------|-------|---------|----|------|------|-------|-------|
| ER1641-623**                 | A620** | 62    | 5       | 50 | 2.50 | 21.0 | 2.44  | 180   |
| ER1641-683**                 | A680** | 68    | 5,10    | 50 | 2.50 | 21.0 | 2.44  | 180   |
| ER1641-753**                 | A750** | 75    | 5       | 50 | 2.50 | 10.5 | 2.70  | 170   |
| ER1641-823**                 | A820** | 82    | 5,10    | 50 | 2.50 | 10.5 | 2.70  | 170   |
| ER1641-913**                 | A910** | 91    | 5       | 50 | 2.50 | 10.0 | 3.12  | 160   |
| ER1641-104**                 | A101** | 100   | 5,10    | 50 | 2.50 | 10.0 | 3.12  | 160   |
| ER1641-114**                 | A111** | 110   | 5       | 50 | 0.79 | 9.7  | 3.60  | 150   |
| ER1641-124**                 | A121** | 120   | 5,10    | 55 | 0.79 | 9.7  | 3.60  | 150   |
| ER1641-134**                 | A131** | 130   | 5       | 55 | 0.79 | 8.5  | 4.10  | 140   |
| ER1641-154**                 | A151** | 150   | 5,10    | 55 | 0.79 | 8.5  | 4.10  | 140   |
| ER1641-164**                 | A161** | 160   | 5       | 55 | 0.79 | 8.0  | 4.40  | 135   |
| ER1641-184**                 | A181** | 180   | 5,10    | 55 | 0.79 | 8.0  | 4.40  | 135   |
| ER1641-204**                 | A201** | 200   | 5       | 55 | 0.79 | 7.5  | 5.00  | 125   |
| ER1641-224**                 | A221** | 220   | 5,10    | 55 | 0.79 | 7.5  | 5.00  | 125   |
| ER1641-244**                 | A241** | 240   | 5       | 55 | 0.79 | 7.0  | 5.80  | 115   |
| ER1641-274**                 | A271** | 270   | 5,10    | 55 | 0.79 | 7.0  | 5.80  | 115   |
| ER1641-304**                 | A301** | 300   | 5       | 55 | 0.79 | 6.5  | 6.40  | 110   |
| ER1641-334**                 | A331** | 330   | 5,10    | 55 | 0.79 | 6.5  | 6.40  | 110   |
| ER1641-364**                 | A361** | 360   | 5       | 55 | 0.79 | 6.2  | 7.40  | 105   |
| ER1641-394**                 | A391** | 390   | 5,10    | 60 | 0.79 | 6.2  | 7.40  | 105   |
| ER1641-434**                 | A431** | 430   | 5       | 60 | 0.79 | 5.7  | 9.50  | 92    |
| ER1641-474**                 | A471** | 470   | 5,10    | 60 | 0.79 | 5.7  | 9.50  | 92    |
| ER1641-514**                 | A511** | 510   | 5       | 60 | 0.79 | 4.7  | 10.50 | 90    |
| ER1641-564**                 | A561** | 560   | 5,10    | 60 | 0.79 | 4.7  | 10.50 | 90    |
| ER1641-624**                 | A621** | 620   | 5       | 60 | 0.79 | 4.5  | 11.80 | 80    |
| ER1641-684**                 | A681** | 680   | 5,10    | 60 | 0.79 | 4.5  | 11.80 | 80    |
| ER1641-754**                 | A751** | 750   | 5       | 60 | 0.79 | 4.2  | 13.00 | 80    |
| ER1641-824**                 | A821** | 820   | 5,10    | 60 | 0.79 | 4.2  | 13.00 | 80    |
| ER1641-914**                 | A911** | 910   | 5       | 60 | 0.79 | 3.8  | 17.50 | 70    |
| ER1641-105**                 | A102** | 1,000 | 5,10    | 60 | 0.79 | 3.8  | 17.50 | 70    |
| MIL-PRF-39010/04             |        |       |         |    |      |      |       |       |
| ER1840-00**                  | BR15** | 0.15  | 5,10,20 | 55 | 25.0 | 510  | 0.030 | 2,900 |
| ER1840-101**                 | BR16** | 0.16  | 5       | 50 | 25.0 | 415  | 0.035 | 2,700 |
| ER1840-01**                  | BR18** | 0.18  | 5,10    | 50 | 25.0 | 415  | 0.035 | 2,700 |
| ER1840-102**                 | BR20** | 0.20  | 5       | 50 | 25.0 | 415  | 0.035 | 2,700 |
| ER1840-02**                  | BR22** | 0.22  | 5,10,20 | 50 | 25.0 | 415  | 0.035 | 2,700 |
| ER1840-103**                 | BR24** | 0.24  | 5       | 50 | 25.0 | 350  | 0.065 | 2,000 |
| ER1840-03**                  | BR27** | 0.27  | 5,10    | 50 | 25.0 | 350  | 0.065 | 2,000 |
| ER1840-104**                 | BR30** | 0.30  | 5       | 50 | 25.0 | 350  | 0.065 | 2,000 |
| ER1840-04**                  | BR33** | 0.33  | 5,10,20 | 50 | 25.0 | 350  | 0.065 | 2,000 |
| ER1840-105**                 | BR36** | 0.36  | 5       | 50 | 25.0 | 300  | 0.085 | 1,700 |
| ER1840-05**                  | BR39** | 0.39  | 5,10    | 50 | 25.0 | 300  | 0.085 | 1,700 |
| ER1840-106**                 | BR43** | 0.43  | 5       | 50 | 25.0 | 300  | 0.085 | 1,700 |
| ER1840-06**                  | BR47** | 0.47  | 5,10,20 | 50 | 25.0 | 300  | 0.085 | 1,700 |
| ER1840-107**                 | BR51** | 0.51  | 5       | 50 | 25.0 | 270  | 0.125 | 1,450 |
| ER1840-07**                  | BR56** | 0.56  | 5,10    | 50 | 25.0 | 270  | 0.125 | 1,450 |
| ER1840-108**                 | BR62** | 0.62  | 5       | 45 | 25.0 | 250  | 0.150 | 1,300 |
| ER1840-08**                  | BR68** | 0.68  | 5,10    | 45 | 25.0 | 250  | 0.150 | 1,300 |
| ER1840-109**                 | BR75** | 0.75  | 5       | 40 | 25.0 | 210  | 0.205 | 1,100 |
| ER1840-09**                  | BR82** | 0.82  | 5,10    | 40 | 25.0 | 210  | 0.205 | 1,100 |
| ER1840-110**                 | BR91** | 0.91  | 5       | 40 | 25.0 | 200  | 0.290 | 930   |
| ER1840-10**                  | B1R0** | 1.00  | 5,10    | 40 | 25.0 | 200  | 0.290 | 930   |
| ER1840-111**                 | B1R1** | 1.10  | 5       | 30 | 7.9  | 180  | 0.400 | 785   |
| ER1840-11**                  | B1R2** | 1.20  | 5,10    | 30 | 7.9  | 180  | 0.400 | 785   |
| ER1840-112**                 | B1R3** | 1.30  | 5       | 30 | 7.9  | 170  | 0.485 | 720   |
| ER1840-12**                  | B1R5** | 1.50  | 5,10    | 30 | 7.9  | 170  | 0.485 | 720   |
| ER1840-113**                 | B1R6** | 1.60  | 5       | 30 | 7.9  | 150  | 0.740 | 580   |
| ER1840-13**                  | B1R8** | 1.80  | 5,10    | 30 | 7.9  | 150  | 0.740 | 580   |
| ER1840-114**                 | B2R0** | 2.00  | 5       | 30 | 7.9  | 140  | 0.970 | 505   |
| ER1840-14**                  | B2R2** | 2.20  | 5,10    | 30 | 7.9  | 140  | 0.970 | 505   |
| ER1840-15**                  | B2R4** | 2.40  | 5       | 30 | 7.9  | 120  | 1.200 | 460   |
| ER1840-16**                  | B2R7** | 2.70  | 5,10    | 30 | 7.9  | 120  | 1.200 | 460   |

## ER SERIES (continued)

| DELEVAN PART NUMBER | DASH NUMBER | MILITARY | INDUCTANCE (μH) | IND. TOLERANCE (%) | TEST FREQUENCY (MHz) | Q MINIMUM | SRF MINIMUM (MHz) | MAXIMUM (OHMS @ 25°C) | DC RESISTANCE (mΩ @ 25°C) | CURRENT (mA) | RATED DC |
|---------------------|-------------|----------|-----------------|--------------------|----------------------|-----------|-------------------|-----------------------|---------------------------|--------------|----------|
| MIL-PRF-39010/05    |             |          |                 |                    |                      |           |                   |                       |                           |              |          |
| ER1840-17**         | A3R0**      |          | 3.00            | 5                  | 30                   | 7.9       | 70                | 0.140                 | 945                       |              |          |
| ER1840-18**         | A3R3**      |          | 3.30            | 5,10               | 30                   | 7.9       | 70                | 0.140                 | 945                       |              |          |
| ER1840-19**         | A3R6**      |          | 3.60            | 5                  | 30                   | 7.9       | 65                | 0.155                 | 870                       |              |          |
| ER1840-20**         | A3R9**      |          | 3.90            | 5,10               | 30                   | 7.9       | 65                | 0.155                 | 870                       |              |          |
| ER1840-21**         | A4R3**      |          | 4.30            | 5                  | 30                   | 7.9       | 60                | 0.210                 | 745                       |              |          |
| ER1840-22**         | A4R7**      |          | 4.70            | 5,10               | 30                   | 7.9       | 60                | 0.210                 | 745                       |              |          |
| ER1840-23**         | A5R1**      |          | 5.10            | 5                  | 30                   | 7.9       | 50                | 0.280                 | 645                       |              |          |
| ER1840-24**         | A5R6**      |          | 5.60            | 5,10               | 30                   | 7.9       | 50                | 0.280                 | 645                       |              |          |
| ER1840-25**         | A6R2**      |          | 6.20            | 5                  | 30                   | 7.9       | 50                | 0.375                 | 560                       |              |          |
| ER1840-26**         | A6R8**      |          | 6.80            | 5,10               | 30                   | 7.9       | 50                | 0.375                 | 560                       |              |          |
| ER1840-27**         | A7R5**      |          | 7.50            | 5                  | 30                   | 7.9       | 48                | 0.440                 | 520                       |              |          |
| ER1840-28**         | A8R2**      |          | 8.20            | 5,10               | 30                   | 7.9       | 48                | 0.440                 | 520                       |              |          |
| ER1840-29**         | A9R1**      |          | 9.10            | 5                  | 30                   | 7.9       | 42                | 0.605                 | 440                       |              |          |
| ER1840-30**         | A100**      |          | 10.0            | 5,10               | 30                   | 7.9       | 42                | 0.605                 | 440                       |              |          |
| ER1840-31**         | A110**      |          | 11.0            | 5                  | 30                   | 2.5       | 36                | 1.05                  | 335                       |              |          |
| ER1840-32**         | A120**      |          | 12.0            | 5,10               | 50                   | 2.5       | 36                | 1.05                  | 335                       |              |          |
| ER1840-33**         | A130**      |          | 13.0            | 5                  | 50                   | 2.5       | 30                | 1.20                  | 310                       |              |          |
| ER1840-34**         | A150**      |          | 15.0            | 5,10               | 55                   | 2.5       | 30                | 1.20                  | 310                       |              |          |
| ER1840-135**        | A160**      |          | 16.0            | 5                  | 55                   | 2.5       | 30                | 1.95                  | 245                       |              |          |
| ER1840-35**         | A180**      |          | 18.0            | 5,10               | 60                   | 2.5       | 30                | 1.95                  | 245                       |              |          |
| ER1840-136**        | A200**      |          | 20.0            | 5                  | 60                   | 2.5       | 24                | 2.20                  | 230                       |              |          |
| ER1840-36**         | A220**      |          | 22.0            | 5,10               | 60                   | 2.5       | 24                | 2.20                  | 230                       |              |          |
| ER1840-37**         | A240**      |          | 24.0            | 5                  | 60                   | 2.5       | 22                | 2.75                  | 205                       |              |          |
| ER1840-38**         | A270**      |          | 27.0            | 5,10               | 65                   | 2.5       | 22                | 2.75                  | 205                       |              |          |
| MIL-PRF-39010/06    |             |          |                 |                    |                      |           |                   |                       |                           |              |          |
| ER1537-00**         | BR15**      |          | 0.15            | 5,10,20            | 50                   | 25.0      | 525               | 0.030                 | 2,450                     |              |          |
| ER1537-101**        | BR16**      |          | 0.16            | 5                  | 50                   | 25.0      | 460               | 0.055                 | 1,810                     |              |          |
| ER1537-01**         | BR18**      |          | 0.18            | 5,10               | 50                   | 25.0      | 460               | 0.055                 | 1,810                     |              |          |
| ER1537-102**        | BR20**      |          | 0.20            | 5                  | 50                   | 25.0      | 460               | 0.055                 | 1,810                     |              |          |
| ER1537-02**         | BR22**      |          | 0.22            | 5,10,20            | 50                   | 25.0      | 460               | 0.055                 | 1,810                     |              |          |
| ER1537-103**        | BR24**      |          | 0.24            | 5                  | 45                   | 25.0      | 360               | 0.090                 | 1,400                     |              |          |
| ER1537-03**         | BR27**      |          | 0.27            | 5,10               | 45                   | 25.0      | 360               | 0.090                 | 1,400                     |              |          |
| ER1537-104**        | BR30**      |          | 0.30            | 5                  | 45                   | 25.0      | 360               | 0.090                 | 1,400                     |              |          |
| ER1537-04**         | BR33**      |          | 0.33            | 5,10,20            | 45                   | 25.0      | 360               | 0.090                 | 1,400                     |              |          |
| ER1537-105**        | BR36**      |          | 0.36            | 5                  | 45                   | 25.0      | 310               | 0.12                  | 1,225                     |              |          |
| ER1537-05**         | BR39**      |          | 0.39            | 5,10               | 45                   | 25.0      | 310               | 0.12                  | 1,225                     |              |          |
| ER1537-106**        | BR43**      |          | 0.43            | 5                  | 45                   | 25.0      | 310               | 0.12                  | 1,225                     |              |          |
| ER1537-06**         | BR47**      |          | 0.47            | 5,10,20            | 45                   | 25.0      | 310               | 0.12                  | 1,225                     |              |          |
| ER1537-107**        | BR51**      |          | 0.51            | 5                  | 45                   | 25.0      | 280               | 0.135                 | 1,150                     |              |          |
| ER1537-07**         | BR56**      |          | 0.56            | 5,10               | 50                   | 25.0      | 280               | 0.135                 | 1,150                     |              |          |
| ER1537-108**        | BR62**      |          | 0.62            | 5                  | 50                   | 25.0      | 250               | 0.150                 | 1,100                     |              |          |
| ER1537-08**         | BR68**      |          | 0.68            | 5,10               | 50                   | 25.0      | 250               | 0.150                 | 1,100                     |              |          |
| ER1537-09**         | BR75**      |          | 0.75            | 5                  | 50                   | 25.0      | 220               | 0.220                 | 900                       |              |          |
| ER1537-10**         | BR82**      |          | 0.82            | 5,10               | 50                   | 25.0      | 220               | 0.220                 | 900                       |              |          |
| ER1537-11**         | BR91**      |          | 0.91            | 5                  | 50                   | 25.0      | 200               | 0.290                 | 785                       |              |          |
| ER1537-12**         | B1R0**      |          | 1.00            | 5,10               | 50                   | 25.0      | 200               | 0.290                 | 785                       |              |          |
| ER1537-13**         | B1R1**      |          | 1.10            | 5                  | 33                   | 7.9       | 180               | 0.420                 | 650                       |              |          |
| ER1537-14**         | B1R2**      |          | 1.20            | 5,10               | 33                   | 7.9       | 180               | 0.420                 | 650                       |              |          |
| ER1537-15**         | B1R3**      |          | 1.30            | 5                  | 33                   | 7.9       | 160               | 0.500                 | 600                       |              |          |
| ER1537-16**         | B1R5**      |          | 1.50            | 5,10               | 33                   | 7.9       | 160               | 0.500                 | 600                       |              |          |
| ER1537-17**         | B1R6**      |          | 1.60            | 5                  | 33                   | 7.9       | 150               | 0.650                 | 525                       |              |          |
| ER1537-18**         | B1R8**      |          | 1.80            | 5,10               | 33                   | 7.9       | 150               | 0.650                 | 525                       |              |          |
| ER1537-19**         | B2R0**      |          | 2.00            | 5                  | 33                   | 7.9       | 135               | 0.950                 | 435                       |              |          |
| ER1537-20**         | B2R2**      |          | 2.20            | 5,10               | 33                   | 7.9       | 135               | 0.950                 | 435                       |              |          |
| ER1537-21**         | B2R4**      |          | 2.40            | 5                  | 33                   | 7.9       | 120               | 1.20                  | 385                       |              |          |
| ER1537-22**         | B2R7**      |          | 2.70            | 5,10               | 33                   | 7.9       | 120               | 1.20                  | 385                       |              |          |
| ER1537-23**         | B3R0**      |          | 3.00            | 5                  | 33                   | 7.9       | 110               | 2.00                  | 300                       |              |          |
| ER1537-24**         | B3R3**      |          | 3.30            | 5,10               | 33                   | 7.9       | 110               | 2.00                  | 300                       |              |          |
| ER1537-25**         | B3R6**      |          | 3.60            | 5                  | 33                   | 7.9       | 100               | 2.30                  | 280                       |              |          |
| ER1537-26**         | B3R9**      |          | 3.90            | 5,10               | 33                   | 7.9       | 100               | 2.30                  | 280                       |              |          |
| ER1537-27**         | B4R3**      |          | 4.30            | 5                  | 33                   | 7.9       | 90                | 2.60                  | 260                       |              |          |
| ER1537-28**         | B4R7**      |          | 4.70            | 5,10               | 33                   | 7.9       | 90                | 2.60                  | 260                       |              |          |

| MIL-PRF-39010/07 |        |       |      |    |      |      |      |       |
|------------------|--------|-------|------|----|------|------|------|-------|
| ER1537-29**      | A5R1** | 5.1   | 5    | 45 | 7.90 | 60.0 | 0.32 | 495   |
| ER1537-30**      | A5R6** | 5.6   | 5,10 | 45 | 7.90 | 60.0 | 0.32 | 495   |
| ER1537-31**      | A6R2** | 6.2   | 5    | 45 | 7.90 | 55.0 | 0.50 | 395   |
| ER1537-32**      | A6R8** | 6.8   | 5,10 | 50 | 7.90 | 55.0 | 0.50 | 395   |
| ER1537-33**      | A7R5** | 7.5   | 5    | 50 | 7.90 | 50.0 | 0.60 | 360   |
| ER1537-34**      | A8R2** | 8.2   | 5,10 | 50 | 7.90 | 50.0 | 0.60 | 360   |
| ER1537-35**      | A9R1** | 9.1   | 5    | 50 | 7.90 | 45.0 | 0.90 | 290   |
| ER1537-36**      | A100** | 10.0  | 5,10 | 55 | 7.90 | 45.0 | 0.90 | 290   |
| ER1537-37**      | A110** | 11.0  | 5    | 55 | 2.50 | 42.0 | 1.10 | 265   |
| ER1537-38**      | A120** | 12.0  | 5,10 | 65 | 2.50 | 42.0 | 1.10 | 265   |
| ER1537-39**      | A130** | 13.0  | 5    | 65 | 2.50 | 40.0 | 1.40 | 240   |
| ER1537-40**      | A150** | 15.0  | 5,10 | 65 | 2.50 | 40.0 | 1.40 | 240   |
| ER1537-41**      | A160** | 16.0  | 5    | 65 | 2.50 | 34.0 | 2.25 | 185   |
| ER1537-42**      | A180** | 18.0  | 5,10 | 75 | 2.50 | 34.0 | 2.25 | 185   |
| ER1537-43**      | A200** | 20.0  | 5    | 75 | 2.50 | 30.0 | 2.50 | 175   |
| ER1537-44**      | A220** | 22.0  | 5,10 | 75 | 2.50 | 30.0 | 2.50 | 175   |
| ER1537-46**      | A240** | 24.0  | 5    | 60 | 2.50 | 25.0 | 2.60 | 170   |
| ER1537-48**      | A270** | 27.0  | 5,10 | 60 | 2.50 | 25.0 | 2.60 | 170   |
| ER1537-50**      | A300** | 30.0  | 5    | 60 | 2.50 | 19.0 | 3.00 | 165   |
| ER1537-52**      | A330** | 33.0  | 5,10 | 65 | 2.50 | 19.0 | 3.00 | 165   |
| ER1537-54**      | A360** | 36.0  | 5    | 60 | 2.50 | 15.5 | 2.50 | 180   |
| ER1537-56**      | A390** | 39.0  | 5    | 60 | 2.50 | 14.5 | 2.60 | 176   |
| ER1537-58**      | A430** | 43.0  | 5    | 60 | 2.50 | 13.7 | 2.70 | 172   |
| ER1537-60**      | A470** | 47.0  | 5    | 55 | 2.50 | 13.0 | 2.75 | 170   |
| ER1537-62**      | A510** | 51.0  | 5    | 55 | 2.50 | 12.7 | 2.85 | 167   |
| ER1537-64**      | A560** | 56.0  | 5    | 55 | 2.50 | 12.0 | 3.00 | 164   |
| ER1537-66**      | A620** | 62.0  | 5    | 55 | 2.50 | 11.5 | 3.15 | 160   |
| ER1537-68**      | A680** | 68.0  | 5    | 55 | 2.50 | 11.0 | 3.30 | 156   |
| ER1537-70**      | A750** | 75.0  | 5    | 55 | 2.50 | 10.5 | 3.70 | 147   |
| ER1537-72**      | A820** | 82.0  | 5    | 50 | 2.50 | 10.3 | 3.90 | 143   |
| ER1537-74**      | A910** | 91.0  | 5    | 50 | 2.50 | 10.0 | 4.30 | 136   |
| ER1537-76**      | A101** | 100.0 | 5    | 50 | 2.50 | 9.50 | 4.50 | 133   |
| ER1537-78**      | A111** | 110.0 | 5    | 60 | 0.79 | 8.90 | 4.90 | 128   |
| ER1537-80**      | A121** | 120.0 | 5    | 65 | 0.79 | 8.70 | 5.20 | 124   |
| ER1537-82**      | A131** | 130.0 | 5    | 65 | 0.79 | 8.50 | 5.45 | 121   |
| ER1537-84**      | A151** | 150.0 | 5    | 65 | 0.79 | 8.00 | 6.05 | 114   |
| ER1537-86**      | A161** | 160.0 | 5    | 65 | 0.79 | 7.50 | 6.40 | 111   |
| ER1537-88**      | A181** | 180.0 | 5    | 65 | 0.79 | 7.00 | 6.75 | 108   |
| ER1537-90**      | A201** | 200.0 | 5    | 65 | 0.79 | 6.50 | 7.10 | 106   |
| ER1537-92**      | A221** | 220.0 | 5    | 65 | 0.79 | 6.20 | 7.45 | 103   |
| ER1537-94**      | A241** | 240.0 | 5    | 65 | 0.79 | 5.90 | 7.80 | 101   |
| MIL-PRF-39010/08 |        |       |      |    |      |      |      |       |
| ER1025-94**      | BR10** | 0.10  | 5,10 | 40 | 25.0 | 680  | 0.08 | 1,350 |
| ER1025-95**      | BR11** | 0.11  | 5    | 40 | 25.0 | 640  | 0.09 | 1,270 |
| ER1025-96**      | BR12** | 0.12  | 5,10 | 40 | 25.0 | 640  | 0.09 | 1,270 |
| ER1025-97**      | BR13** | 0.13  | 5    | 38 | 25.0 | 600  | 0.10 | 1,200 |
| ER1025-00**      | BR15** | 0.15  | 5,10 | 38 | 25.0 | 600  | 0.10 | 1,200 |
| ER1025-01**      | BR16** | 0.16  | 5    | 35 | 25.0 | 550  | 0.12 | 1,105 |
| ER1025-02**      | BR18** | 0.18  | 5,10 | 35 | 25.0 | 550  | 0.12 | 1,105 |
| ER1025-03**      | BR20** | 0.20  | 5    | 33 | 25.0 | 510  | 0.14 | 1,025 |
| ER1025-04**      | BR22** | 0.22  | 5,10 | 33 | 25.0 | 510  | 0.14 | 1,025 |
| ER1025-05**      | BR24** | 0.24  | 5    | 33 | 25.0 | 430  | 0.16 | 960   |
| ER1025-06**      | BR27** | 0.27  | 5,10 | 33 | 25.0 | 430  | 0.16 | 960   |
| ER1025-07**      | BR30** | 0.30  | 5    | 30 | 25.0 | 410  | 0.22 | 815   |
| ER1025-08**      | BR33** | 0.33  | 5,10 | 30 | 25.0 | 410  | 0.22 | 815   |
| ER1025-09**      | BR36** | 0.36  | 5    | 30 | 25.0 | 365  | 0.30 | 700   |
| ER1025-10**      | BR39** | 0.39  | 5,10 | 30 | 25.0 | 365  | 0.30 | 700   |
| ER1025-11**      | BR43** | 0.43  | 5    | 30 | 25.0 | 330  | 0.35 | 650   |
| ER1025-12**      | BR47** | 0.47  | 5,10 | 30 | 25.0 | 330  | 0.35 | 650   |
| ER1025-13**      | BR51** | 0.51  | 5    | 30 | 25.0 | 300  | 0.50 | 545   |
| ER1025-14**      | BR56** | 0.56  | 5,10 | 30 | 25.0 | 300  | 0.50 | 545   |
| ER1025-15**      | BR62** | 0.62  | 5    | 28 | 25.0 | 275  | 0.60 | 495   |
| ER1025-16**      | BR68** | 0.68  | 5,10 | 28 | 25.0 | 275  | 0.60 | 495   |
| ER1025-17**      | BR75** | 0.75  | 5    | 28 | 25.0 | 250  | 0.85 | 415   |
| ER1025-18**      | BR82** | 0.82  | 5,10 | 28 | 25.0 | 250  | 0.85 | 415   |
| ER1025-19**      | BR91** | 0.91  | 5    | 25 | 25.0 | 230  | 1.00 | 385   |
| ER1025-20**      | B1R0** | 1.00  | 5,10 | 25 | 25.0 | 230  | 1.00 | 385   |

## ER SERIES (continued)

| DELEVAN PART NUMBER | MILITARY DASH NUMBER | INDUCTANCE (μH) | IND. TOLERANCE (%) | TEST FREQUENCY (MHz) | SRF MINIMUM (MHz) | MAXIMUM (OHMS @ 25°C) | DC RESISTANCE (OHMS @ 25°C) | CURRENT (mA) | RATED DC |
|---------------------|----------------------|-----------------|--------------------|----------------------|-------------------|-----------------------|-----------------------------|--------------|----------|
| MIL-PRF-39010/09    |                      |                 |                    |                      |                   |                       |                             |              |          |
| ER1025-21**         | A1R1**               | 1.1             | 5                  | 25                   | 7.9               | 150                   | 0.18                        | 590          |          |
| ER1025-22**         | A1R2**               | 1.2             | 5,10               | 25                   | 7.9               | 150                   | 0.18                        | 590          |          |
| ER1025-23**         | A1R3**               | 1.3             | 5                  | 25                   | 7.9               | 140                   | 0.22                        | 535          |          |
| ER1025-24**         | A1R5**               | 1.5             | 5,10               | 28                   | 7.9               | 140                   | 0.22                        | 535          |          |
| ER1025-25**         | A1R6**               | 1.6             | 5                  | 28                   | 7.9               | 125                   | 0.30                        | 455          |          |
| ER1025-26**         | A1R8**               | 1.8             | 5,10               | 30                   | 7.9               | 125                   | 0.30                        | 455          |          |
| ER1025-27**         | A2R0**               | 2.0             | 5                  | 30                   | 7.9               | 115                   | 0.40                        | 395          |          |
| ER1025-28**         | A2R2**               | 2.2             | 5,10               | 30                   | 7.9               | 115                   | 0.40                        | 395          |          |
| ER1025-29**         | A2R4**               | 2.4             | 5                  | 30                   | 7.9               | 100                   | 0.55                        | 335          |          |
| ER1025-30**         | A2R7**               | 2.7             | 5,10               | 37                   | 7.9               | 100                   | 0.55                        | 335          |          |
| ER1025-31**         | A3R0**               | 3.0             | 5                  | 37                   | 7.9               | 90                    | 0.85                        | 270          |          |
| ER1025-32**         | A3R3**               | 3.3             | 5,10               | 45                   | 7.9               | 90                    | 0.85                        | 270          |          |
| ER1025-33**         | A3R6**               | 3.6             | 5                  | 45                   | 7.9               | 80                    | 1.00                        | 250          |          |
| ER1025-34**         | A3R9**               | 3.9             | 5,10               | 45                   | 7.9               | 80                    | 1.00                        | 250          |          |
| ER1025-35**         | A4R3**               | 4.3             | 5                  | 45                   | 7.9               | 75                    | 1.20                        | 230          |          |
| ER1025-36**         | A4R7**               | 4.7             | 5,10               | 45                   | 7.9               | 75                    | 1.20                        | 230          |          |
| ER1025-37**         | A5R1**               | 5.1             | 5                  | 45                   | 7.9               | 65                    | 1.80                        | 185          |          |
| ER1025-38**         | A5R6**               | 5.6             | 5,10               | 50                   | 7.9               | 65                    | 1.80                        | 185          |          |
| ER1025-39**         | A6R2**               | 6.2             | 5                  | 50                   | 7.9               | 60                    | 2.00                        | 175          |          |
| ER1025-40**         | A6R8**               | 6.8             | 5,10               | 50                   | 7.9               | 60                    | 2.00                        | 175          |          |
| ER1025-41**         | A7R5**               | 7.5             | 5                  | 50                   | 7.9               | 55                    | 2.70                        | 155          |          |
| ER1025-42**         | A8R2**               | 8.2             | 5,10               | 55                   | 7.9               | 55                    | 2.70                        | 155          |          |
| ER1025-43**         | A9R1**               | 9.1             | 5                  | 55                   | 7.9               | 50                    | 3.70                        | 130          |          |
| ER1025-44**         | A100**               | 10.0            | 5,10               | 55                   | 7.9               | 50                    | 3.70                        | 130          |          |
| ER1025-45**         | A110**               | 11.0            | 5                  | 45                   | 2.5               | 40                    | 2.70                        | 130          |          |
| ER1025-46**         | A120**               | 12.0            | 5,10               | 45                   | 2.5               | 40                    | 2.70                        | 155          |          |
| ER1025-47**         | A130**               | 13.0            | 5                  | 40                   | 2.5               | 35                    | 2.80                        | 150          |          |
| ER1025-48**         | A150**               | 15.0            | 5,10               | 40                   | 2.5               | 35                    | 2.80                        | 150          |          |
| ER1025-49**         | A160**               | 16.0            | 5                  | 40                   | 2.5               | 30                    | 3.10                        | 145          |          |
| ER1025-50**         | A180**               | 18.0            | 5,10               | 50                   | 2.5               | 30                    | 3.10                        | 145          |          |
| ER1025-51**         | A200**               | 20.0            | 5                  | 50                   | 2.5               | 25                    | 3.30                        | 140          |          |
| ER1025-52**         | A220**               | 22.0            | 5,10               | 50                   | 2.5               | 25                    | 3.30                        | 140          |          |
| ER1025-53**         | A240**               | 24.0            | 5                  | 50                   | 2.5               | 20                    | 3.50                        | 135          |          |
| ER1025-54**         | A270**               | 27.0            | 5,10               | 50                   | 2.5               | 20                    | 3.50                        | 135          |          |

| DELEVAN PART NUMBER | MILITARY DASH NUMBER | INDUCTANCE (μH) | IND. TOLERANCE (%) | TEST FREQUENCY (MHz) | SRF MINIMUM (MHz) | MAXIMUM (OHMS @ 25°C) | DC RESISTANCE (OHMS @ 25°C) | CURRENT (mA) | RATED DC |
|---------------------|----------------------|-----------------|--------------------|----------------------|-------------------|-----------------------|-----------------------------|--------------|----------|
| MIL-PRF-39010/10    |                      |                 |                    |                      |                   |                       |                             |              |          |
| ER1025-55**         | A300**               | 30.0            | 5                  | 45                   | 2.50              | 24                    | 3.4                         | 130          |          |
| ER1025-56**         | A330**               | 33.0            | 5,10               | 45                   | 2.50              | 24                    | 3.4                         | 130          |          |
| ER1025-57**         | A360**               | 36.0            | 5                  | 45                   | 2.50              | 22                    | 3.6                         | 125          |          |
| ER1025-58**         | A390**               | 39.0            | 5,10               | 45                   | 2.50              | 22                    | 3.6                         | 125          |          |
| ER1025-59**         | A430**               | 43.0            | 5                  | 45                   | 2.50              | 20                    | 4.5                         | 110          |          |
| ER1025-60**         | A470**               | 47.0            | 5,10               | 45                   | 2.50              | 20                    | 4.5                         | 110          |          |
| ER1025-61**         | A510**               | 51.0            | 5                  | 45                   | 2.50              | 18                    | 5.7                         | 100          |          |
| ER1025-62**         | A560**               | 56.0            | 5,10               | 45                   | 2.50              | 18                    | 5.7                         | 100          |          |
| ER1025-63**         | A620**               | 62.0            | 5                  | 45                   | 2.50              | 15                    | 6.7                         | 92           |          |
| ER1025-64**         | A680**               | 68.0            | 5,10               | 50                   | 2.50              | 15                    | 6.7                         | 92           |          |
| ER1025-65**         | A750**               | 75.0            | 5                  | 50                   | 2.50              | 14                    | 7.3                         | 88           |          |
| ER1025-66**         | A820**               | 82.0            | 5,10               | 50                   | 2.50              | 14                    | 7.3                         | 88           |          |
| ER1025-67**         | A910**               | 91.0            | 5                  | 50                   | 2.50              | 13                    | 8.0                         | 84           |          |
| ER1025-68**         | A101**               | 100             | 5,10               | 50                   | 2.50              | 13                    | 8.0                         | 84           |          |
| ER1025-69**         | A111**               | 110             | 5                  | 30                   | 0.79              | 12                    | 13.0                        | 66           |          |
| ER1025-70**         | A121**               | 120             | 5,10               | 30                   | 0.79              | 12                    | 13.0                        | 66           |          |
| ER1025-71**         | A131**               | 130             | 5                  | 30                   | 0.79              | 11                    | 15.0                        | 61           |          |
| ER1025-72**         | A151**               | 150             | 5,10               | 30                   | 0.79              | 11                    | 15.0                        | 61           |          |
| ER1025-73**         | A161**               | 160             | 5                  | 30                   | 0.79              | 10                    | 17.0                        | 57           |          |
| ER1025-74**         | A181**               | 180             | 5,10               | 30                   | 0.79              | 10                    | 17.0                        | 57           |          |
| ER1025-75**         | A201**               | 200             | 5                  | 30                   | 0.79              | 9.0                   | 21.0                        | 52           |          |
| ER1025-76**         | A221**               | 220             | 5,10               | 30                   | 0.79              | 9.0                   | 21.0                        | 52           |          |
| ER1025-77**         | A241**               | 240             | 5                  | 30                   | 0.79              | 8.0                   | 25.0                        | 47           |          |
| ER1025-78**         | A271**               | 270             | 5,10               | 30                   | 0.79              | 8.0                   | 25.0                        | 47           |          |
| ER1025-79**         | A301**               | 300             | 5                  | 30                   | 0.79              | 7.0                   | 28.0                        | 45           |          |
| ER1025-80**         | A331**               | 330             | 5,10               | 30                   | 0.79              | 7.0                   | 28.0                        | 45           |          |
| ER1025-81**         | A361**               | 360             | 5                  | 30                   | 0.79              | 6.5                   | 35.0                        | 40           |          |
| ER1025-82**         | A391**               | 390             | 5,10               | 30                   | 0.79              | 6.5                   | 35.0                        | 40           |          |
| ER1025-83**         | A431**               | 430             | 5                  | 30                   | 0.79              | 6.0                   | 42.0                        | 36           |          |
| ER1025-84**         | A471**               | 470             | 5,10               | 30                   | 0.79              | 6.0                   | 42.0                        | 36           |          |
| ER1025-85**         | A511**               | 510             | 5                  | 30                   | 0.79              | 5.0                   | 46.0                        | 35           |          |
| ER1025-86**         | A561**               | 560             | 5,10               | 30                   | 0.79              | 5.0                   | 46.0                        | 35           |          |
| ER1025-87**         | A621**               | 620             | 5                  | 30                   | 0.79              | 4.0                   | 60.0                        | 30           |          |
| ER1025-88**         | A681**               | 680             | 5,10               | 30                   | 0.79              | 4.0                   | 60.0                        | 30           |          |
| ER1025-89**         | A751**               | 750             | 5                  | 30                   | 0.79              | 3.8                   | 65.0                        | 29           |          |
| ER1025-90**         | A821**               | 820             | 5,10               | 30                   | 0.79              | 3.8                   | 65.0                        | 29           |          |
| ER1025-91**         | A911**               | 910             | 5                  | 30                   | 0.79              | 3.4                   | 72.0                        | 28           |          |
| ER1025-92**         | A102**               | 1,000           | 5,10               | 30                   | 0.79              | 3.4                   | 72.0                        | 28           |          |



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.