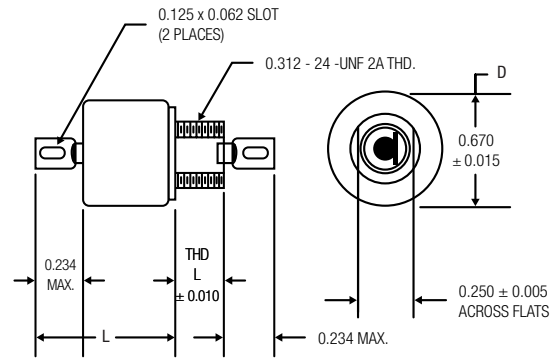
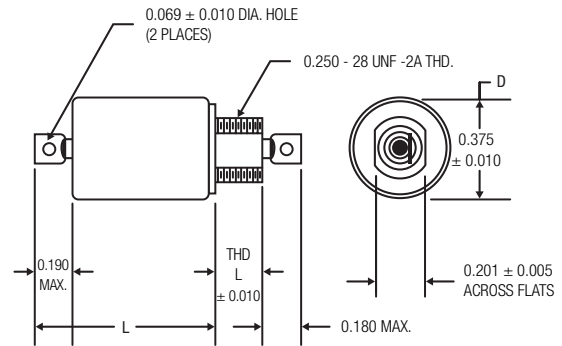
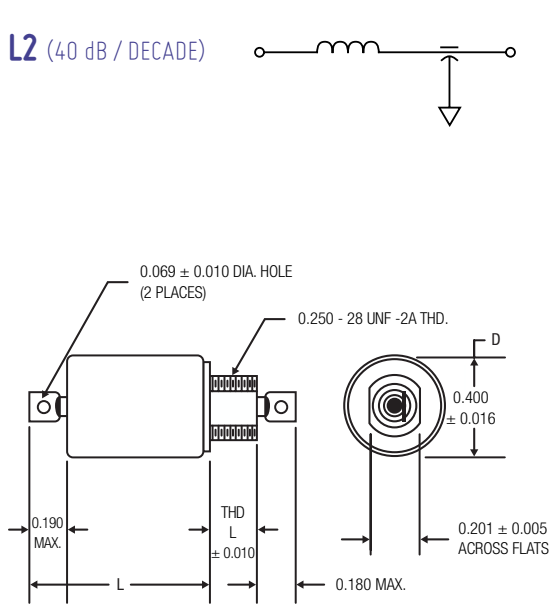


# DC-RATED CERAMIC EMI-RFI FILTERS

L2 (40 dB/DECADE)

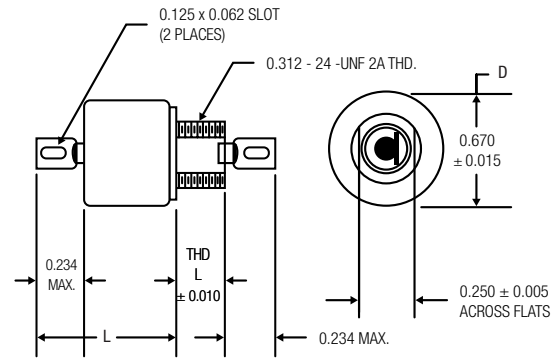
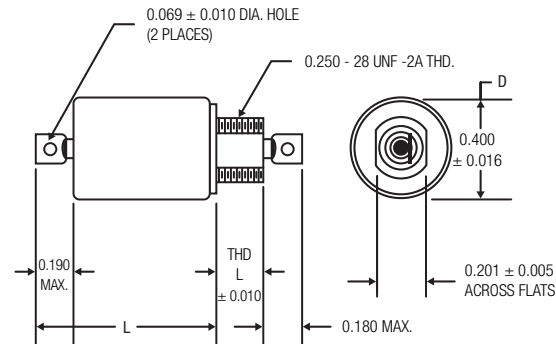
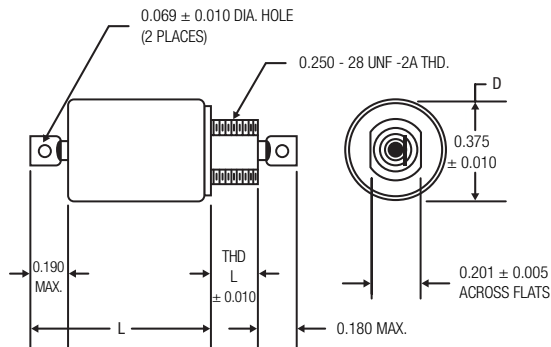
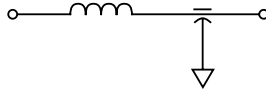
L2 (40 dB / DECADE)



| Current Rating (A) | DC Voltage Rating |            | D (in.) | Max. L (in.) | Thd. L (in.) | Min. Cap. (μF) | Max. R <sub>OC</sub> (Ω) | Minimum Insertion Loss +25°C per MIL-STD-220 |            |             |             |           |            |           | Dearborn Part Number |
|--------------------|-------------------|------------|---------|--------------|--------------|----------------|--------------------------|----------------------------------------------|------------|-------------|-------------|-----------|------------|-----------|----------------------|
|                    | @85°C (V)         | @125°C (V) |         |              |              |                |                          | 30kHz (dB)                                   | 75kHz (dB) | 100kHz (dB) | 150kHz (dB) | 1MHz (dB) | 10MHz (dB) | 1GHz (dB) |                      |
| 0.1                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.75           | 1.7                      | 20                                           | 35         | 41          | 48          | 70        | 70         | 70        | 1JX2208              |
| 0.1                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.75           | 1.7                      | 20                                           | 35         | 41          | 48          | 70        | 70         | 70        | 1JX2608              |
| 0.1                | 100               | 50         | 0.400   | 0.760        | 0.187        | 0.75           | 1.9                      | 24                                           | 40         | 46          | 51          | 70        | 80         | 80        | 1JX6017A             |
| 0.1                | 100               | 50         | 0.375   | 0.730        | 0.312        | 1.5            | 2.23                     | 26                                           | 43         | 48          | 54          | 80        | 80         | 80        | 1JX6221B             |
| 0.1                | 100               | 50         | 0.375   | 0.730        | 0.187        | 1.5            | 2.23                     | 26                                           | 43         | 48          | 54          | 80        | 80         | 80        | 1JX6201B             |
| 0.1                | 200               | 100        | 0.400   | 0.630        | 0.312        | 0.25           | 1.7                      | 11                                           | 26         | 32          | 39          | 60        | 60         | 60        | 1JX2210              |
| 0.1                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 1.7                      | 11                                           | 26         | 32          | 39          | 60        | 60         | 60        | 1JX2610              |
| 0.15               | 100               | 50         | 0.375   | 0.740        | 0.312        | 1.5            | 1.35                     | 24                                           | 39         | 44          | 51          | 80        | 80         | 80        | 1JX6063B             |
| 0.15               | 100               | 50         | 0.375   | 0.740        | 0.187        | 1.5            | 1.35                     | 24                                           | 39         | 44          | 51          | 80        | 80         | 80        | 1JX6061B             |
| 0.25               | 175               | 100        | 0.400   | 0.770        | 0.187        | 0.5            | 0.75                     | -                                            | 25         | 29          | 37          | 70        | 80         | 80        | 1JX6065B             |
| 0.3                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.75           | 0.75                     | 15                                           | 31         | 35          | 42          | 70        | 70         | 70        | 1JX2218              |
| 0.3                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.75           | 0.75                     | 15                                           | 31         | 35          | 42          | 70        | 70         | 70        | 1JX2618              |
| 0.3                | 200               | 100        | 0.400   | 0.630        | 0.312        | 0.25           | 0.75                     | 6.0                                          | 22         | 25          | 32          | 60        | 60         | 60        | 1JX2220              |
| 0.3                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 0.75                     | 6.0                                          | 22         | 25          | 32          | 60        | 60         | 60        | 1JX2620              |
| 0.3                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 0.7                      | 6.0                                          | 22         | 25          | 32          | 60        | 60         | 60        | 1JX2616              |
| 0.45               | 100               | 50         | 0.375   | 0.740        | 0.312        | 1.5            | 0.6                      | 18                                           | 33         | 35          | 44          | 76        | 80         | 80        | 1JX6064B             |
| 0.45               | 100               | 50         | 0.375   | 0.730        | 0.187        | 1.5            | 0.7                      | 18                                           | 33         | 35          | 44          | 76        | 80         | 80        | 1JX6062B             |
| 0.45               | 100               | 50         | 0.400   | 0.770        | 0.187        | 1.5            | 0.45                     | 20                                           | 33         | 39          | 45          | 70        | 70         | 70        | 1JX6085B             |
| 0.5                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.75           | 0.35                     | 12                                           | 25         | 29          | 36          | 69        | 70         | 70        | 1JX2228              |
| 0.5                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.75           | 0.35                     | 12                                           | 25         | 29          | 36          | 69        | 70         | 70        | 1JX2628              |
| 0.5                | 150               | 100        | 0.400   | 0.740        | 0.187        | 1.0            | 0.2                      | 13                                           | 23         | 28          | 33          | 64        | 70         | 70        | 1JX6090B             |
| 0.5                | 150               | 75         | 0.400   | 0.800        | 0.187        | 0.5            | 0.5                      | 11                                           | 24         | 31          | 37          | 70        | 80         | 80        | 1JX6077B             |
| 0.5                | 200               | 100        | 0.400   | 0.630        | 0.312        | 0.25           | 0.35                     | 3.0                                          | 15         | 20          | 26          | 59        | 70         | 70        | 1JX2230              |
| 0.5                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 0.35                     | 3.0                                          | 15         | 20          | 26          | 59        | 60         | 60        | 1JX2630              |
| 0.5                | 200               | 150        | 0.400   | 0.750        | 0.187        | 0.25           | 0.5                      | -                                            | 16         | 24          | 28          | 60        | 70         | 70        | 1JX6081B             |
| 1.0                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.75           | 0.14                     | 11                                           | 18         | 21          | 26          | 55        | 70         | 70        | 1JX2238              |
| 1.0                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.75           | 0.14                     | 11                                           | 18         | 21          | 26          | 55        | 70         | 70        | 1JX2638              |
| 1.0                | 100               | 50         | 0.400   | 0.760        | 0.187        | 1.5            | 0.025                    | 17                                           | 28         | 30          | 35          | 70        | 80         | 80        | 1JX6068B             |
| 1.0                | 150               | 75         | 0.400   | 0.800        | 0.187        | 0.5            | 0.24                     | 8.0                                          | 16         | 23          | 28          | 61        | 70         | 80        | 1JX6078B             |
| 1.0                | 175               | 100        | 0.400   | 0.770        | 0.187        | 0.5            | 0.14                     | -                                            | -          | -           | 24          | 54        | 80         | 80        | 1JX6066B             |
| 1.0                | 175               | 100        | 0.670   | 1.140        | 0.312        | 1.0            | 0.60                     | 16                                           | 32         | 37          | 43          | 70        | 70         | 70        | 1JX6111B             |

# DC-RATED CERAMIC EMI-RFI FILTERS

L2 (40 dB / DECADE)



| Current Rating (A) | DC Voltage Rating |            | D (in.) | Max. L (in.) | Thd. L (in.) | Min. Cap. (μF) | Max. R <sub>OC</sub> (Ω) | Minimum Insertion Loss +25°C per MIL-STD-220 |            |             |             |           |            |           | Dearborn Part Number |
|--------------------|-------------------|------------|---------|--------------|--------------|----------------|--------------------------|----------------------------------------------|------------|-------------|-------------|-----------|------------|-----------|----------------------|
|                    | @85°C (V)         | @125°C (V) |         |              |              |                |                          | 30kHz (dB)                                   | 75kHz (dB) | 100kHz (dB) | 150kHz (dB) | 1MHz (dB) | 10MHz (dB) | 1GHz (dB) |                      |
| 1.0                | 200               | 100        | 0.400   | 0.630        | 0.312        | 0.25           | 0.14                     | 3.0                                          | 9.0        | 12          | 16          | 46        | 60         | 60        | 1JX2240              |
| 1.0                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 0.14                     | 3.0                                          | 9.0        | 12          | 16          | 46        | 60         | 60        | 1JX2640              |
| 1.0                | 250               | 150        | 0.400   | 0.750        | 0.187        | 0.25           | 0.24                     | -                                            | 12         | 14          | 20          | 52        | 80         | 80        | 1JX6082B             |
| 1.0                | 300               | 150        | 0.400   | 0.630        | 0.187        | 0.15           | 0.135                    | -                                            | 5.0        | 8.0         | 11          | 43        | 60         | 60        | 1JX2639              |
| 2.0                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.75           | 0.06                     | 10                                           | 15         | 20          | 24          | 48        | 70         | 70        | 2JX2248              |
| 2.0                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.75           | 0.06                     | 10                                           | 15         | 20          | 24          | 48        | 70         | 70        | 2JX2648              |
| 2.0                | 100               | 50         | 0.400   | 0.760        | 0.187        | 1.5            | 0.063                    | 14                                           | 22         | 25          | 30          | 56        | 70         | 70        | 2JX6131B             |
| 2.0                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.25           | 0.055                    | 4.0                                          | 9.0        | 11          | 15          | 40        | 60         | 60        | 2JX2646              |
| 2.0                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.1            | 0.055                    | -                                            | 4.0        | 5.0         | 8.0         | 40        | 60         | 60        | 2JX2249              |
| 2.0                | 200               | 100        | 0.400   | 0.630        | 0.312        | 0.25           | 0.06                     | 3.0                                          | 8.0        | 11          | 15          | 38        | 60         | 60        | 2JX2250              |
| 2.0                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 0.06                     | 3.0                                          | 8.0        | 11          | 15          | 38        | 60         | 60        | 2JX2650              |
| 2.0                | 300               | 150        | 0.400   | 0.630        | 0.187        | 0.15           | 0.055                    | 10                                           | 15         | 20          | 24          | 48        | 70         | 70        | 2JX2649              |
| 3.0                | 100               | 70         | 0.400   | 0.630        | 0.187        | 0.75           | 0.02                     | -                                            | 16         | 18          | 22          | 42        | 70         | 70        | 3JX6160B             |
| 3.0                | 175               | 100        | 0.400   | 0.800        | 0.187        | 0.5            | 0.023                    | -                                            | 13         | 15          | 19          | 43        | 70         | 70        | 3JX6079B             |
| 3.0                | 300               | 200        | 0.400   | 0.890        | 0.187        | 0.4            | 0.026                    | 5.0                                          | 11         | 15          | 18          | 34        | 60         | 70        | 3JX3621B             |
| 4.0                | 250               | 150        | 0.670   | 0.900        | 0.312        | 0.25           | 0.012                    | -                                            | -          | 9.0         | 13          | 33        | 70         | 70        | 4JX6142B             |
| 5.0                | 100               | 50         | 0.400   | 0.630        | 0.312        | 0.75           | 0.01                     | 11                                           | 18         | 21          | 24          | 39        | 70         | 70        | 5JX2298              |
| 5.0                | 100               | 50         | 0.400   | 0.630        | 0.187        | 0.75           | 0.01                     | 11                                           | 18         | 21          | 24          | 39        | 70         | 70        | 5JX2698              |
| 5.0                | 100               | 50         | 0.375   | 0.790        | 0.187        | 1.5            | 0.015                    | 15                                           | 25         | 27          | 30          | 45        | 60         | 70        | 5JX6022B             |
| 5.0                | 175               | 85         | 0.400   | 0.800        | 0.187        | 0.5            | 0.014                    | 8.0                                          | 14         | 17          | 20          | 38        | 60         | 70        | 5JX6080B             |
| 5.0                | 175               | 85         | 0.400   | 0.770        | 0.187        | 0.5            | 0.01                     | 8.0                                          | 14         | 17          | 20          | 38        | 60         | 70        | 5JX6067B             |
| 5.0                | 175               | 85         | 0.400   | 0.800        | 0.187        | 0.5            | 0.01                     | 6.0                                          | 14         | 16          | 20          | 36        | 64         | 70        | 5JX6045B             |
| 5.0                | 200               | 100        | 0.400   | 0.630        | 0.312        | 0.25           | 0.01                     | -                                            | 11         | 14          | 17          | 32        | 61         | 70        | 5JX2290              |
| 5.0                | 200               | 100        | 0.400   | 0.630        | 0.187        | 0.25           | 0.01                     | -                                            | 11         | 14          | 17          | 32        | 61         | 70        | 5JX2690              |
| 10                 | 100               | 50         | 0.375   | 0.740        | 0.187        | 1.5            | 0.004                    | 15                                           | 22         | 26          | 30          | 43        | 60         | 70        | 10JX2554B            |
| 10                 | 100               | 50         | 0.375   | 0.740        | 0.312        | 1.5            | 0.004                    | 15                                           | 21         | 25          | 28          | 42        | 56         | 70        | 10JX2115B            |
| 10                 | 100               | 50         | 0.375   | 0.730        | 0.187        | 1.5            | 0.004                    | 15                                           | 22         | 26          | 30          | 43        | 60         | 70        | 10JX2548B            |
| 10                 | 100               | 50         | 0.375   | 0.730        | 0.312        | 1.5            | 0.004                    | 16                                           | 22         | 26          | 30          | 43        | 60         | 70        | 10JX2112B            |
| 10                 | 175               | 100        | 0.400   | 0.820        | 0.187        | 1.0            | 0.007                    | 10                                           | 20         | 23          | 26          | 38        | 44         | 70        | 10JX6026B            |
| 10                 | 300               | 200        | 0.400   | 0.820        | 0.312        | 0.32           | 0.003                    | 4.0                                          | 12         | 14          | 18          | 33        | 45         | 70        | 10JX6124B            |