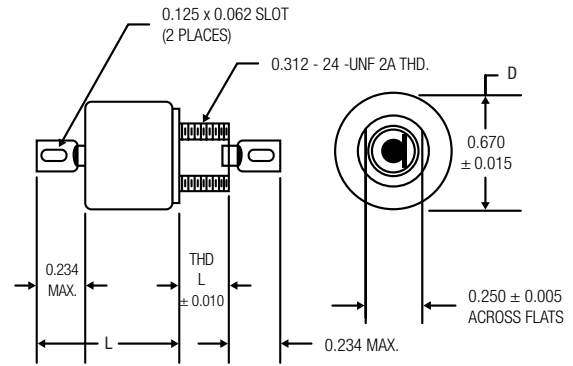
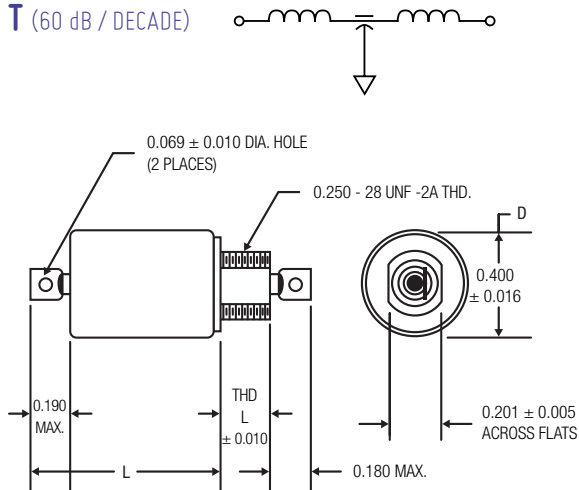


# AC-RATED CERAMIC EMI-RFI FILTERS

T (60 dB/DECADE)

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| Current Rating (A) | DC Voltage Rating |               |                  | D (in.) | Max. L (in.) | Thd. L (in.) | Min. Cap. (μF) | Max. R <sub>DC</sub> (Ω) | Minimum Insertion Loss +25°C per MIL-STD-220 |            |             |             |           |            |           | Dearborn Part Number |
|--------------------|-------------------|---------------|------------------|---------|--------------|--------------|----------------|--------------------------|----------------------------------------------|------------|-------------|-------------|-----------|------------|-----------|----------------------|
|                    | @85°C DC (V)      | @125°C DC (V) | @125°C 400Hz (V) |         |              |              |                |                          | 30kHz (dB)                                   | 75kHz (dB) | 100kHz (dB) | 150kHz (dB) | 1MHz (dB) | 10MHz (dB) | 1GHz (dB) |                      |
| 0.06               | 250               | 150           | 125              | 0.400   | 0.890        | 0.187        | 0.25           | 4.0                      | 30                                           | 55         | 62          | 70          | 70        | 70         | 70        | 1JX3810              |
| 0.1                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 3.7                      | 16                                           | 40         | 47          | 56          | 60        | 60         | 60        | 1JX3811              |
| 0.1                | 250               | 150           | 125              | 0.400   | 0.860        | 0.312        | 0.25           | 3.7                      | 16                                           | 40         | 47          | 56          | 60        | 60         | 60        | 1JX3411              |
| 0.25               | 300               | 200           | 125              | 0.400   | 0.860        | 0.312        | 0.16           | 1.55                     | 4.0                                          | 28         | 36          | 47          | 80        | 80         | 80        | 1JX3436              |
| 0.3                | 250               | 150           | 125              | 0.400   | 0.860        | 0.312        | 0.25           | 1.55                     | -                                            | 27         | 35          | 43          | 60        | 60         | 60        | 1JX3412              |
| 0.3                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 1.55                     | -                                            | 27         | 35          | 43          | 60        | 60         | 60        | 1JX3812              |
| 0.3                | 300               | 150           | 125              | 0.400   | 0.940        | 0.187        | 0.15           | 1.01                     | -                                            | 22         | 30          | 41          | 70        | 70         | 70        | 1JX3803              |
| 0.5                | 250               | 150           | 125              | 0.400   | 0.860        | 0.312        | 0.25           | 0.66                     | -                                            | 21         | 30          | 37          | 60        | 60         | 60        | 1JX3413              |
| 0.5                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 0.66                     | -                                            | 21         | 30          | 37          | 60        | 60         | 60        | 1JX3813              |
| 0.5                | 300               | 200           | 125              | 0.670   | 1.185        | 0.312        | 0.33           | 0.8                      | 18                                           | 42         | 50          | 60          | 80        | 80         | 80        | 1JX3428              |
| 1.0                | 200               | 150           | 125              | 0.400   | 0.810        | 0.187        | 0.25           | 0.5                      | -                                            | 9.0        | 15          | 22          | 70        | 70         | 70        | 1JX3824              |
| 1.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 0.17                     | 4.0                                          | 11         | 15          | 24          | 64        | 80         | 80        | 1JX3805              |
| 1.0                | 250               | 150           | 125              | 0.670   | 1.185        | 0.312        | 0.25           | 0.5                      | -                                            | 29         | 37          | 48          | 80        | 80         | 80        | 1JX3419              |
| 1.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.312        | 0.25           | 0.3                      | -                                            | 9.0        | 12          | 16          | 60        | 60         | 60        | 1JX3414              |
| 1.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 0.3                      | -                                            | 9.0        | 12          | 16          | 60        | 60         | 60        | 1JX3814              |
| 1.0                | 300               | 200           | 125              | 0.670   | 1.185        | 0.312        | 0.33           | 0.42                     | -                                            | 26         | 34          | 44          | 80        | 80         | 80        | 1JX3429              |
| 1.0                | 450               | 300           | 230              | 0.670   | 1.185        | 0.312        | 0.15           | 0.42                     | -                                            | 18         | 27          | 38          | 80        | 80         | 80        | 1JX3432              |
| 1.0                | 450               | 300           | 185              | 0.670   | 1.200        | 0.312        | 0.15           | 0.46                     | 8.0                                          | 21         | 27          | 39          | 60        | 60         | 60        | 1JX3424              |
| 1.5                | 250               | 150           | 125              | 0.670   | 1.185        | 0.312        | 0.25           | 0.15                     | -                                            | 7.0        | 16          | 25          | 70        | 70         | 70        | 2JX3406              |
| 2.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.312        | 0.25           | 0.12                     | -                                            | 7.0        | 10          | 11          | 45        | 60         | 60        | 2JX3415              |
| 2.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 0.12                     | -                                            | 7.0        | 10          | 11          | 45        | 60         | 60        | 2JX3815              |
| 3.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.187        | 0.25           | 0.04                     | -                                            | -          | -           | 12          | 33        | 80         | 80        | 3JX3806              |
| 3.0                | 250               | 150           | 125              | 0.400   | 0.860        | 0.312        | 0.25           | 0.04                     | -                                            | -          | -           | 12          | 32        | 80         | 80        | 3JX3442B             |
| 4.0                | 250               | 150           | 125              | 0.400   | 0.900        | 0.187        | 0.25           | 0.034                    | -                                            | 10         | 12          | 16          | 33        | 70         | 70        | 4JX3818              |