

These EMI filters are easily mounted in a tapped hole or through-hole using the supplied nut and lock washer. The rugged case, featuring resin seals at both ends, provides excellent environmental protection. Primarily used in filtering signal/data lines and DC power lines. RoHS versions available.

## Product Specifications

| Part Number  | MIL-PRF-15733 Number | Fig. | Rated Voltage<br>125°C |     | I<br>Amp | CKT | Min<br>Cap    | Minimum Insertion Loss (dB) |          |           |           |            |            |          |           |
|--------------|----------------------|------|------------------------|-----|----------|-----|---------------|-----------------------------|----------|-----------|-----------|------------|------------|----------|-----------|
|              |                      |      | DC                     | AC  |          |     |               | 1<br>MHz                    | 3<br>MHz | 10<br>MHz | 30<br>MHz | 100<br>MHz | 300<br>MHz | 1<br>GHz | 10<br>GHz |
| SCI-9510-503 | —                    | 1    | 100                    | —   | 25       | FT  | 0.05 $\mu$ F  | 15                          | 24       | 35        | 41        | 45         | 60         | 60       | 60        |
| SCI-3513-000 | —                    | 1    | 100                    | —   | 25       | Pi  | 0.1 $\mu$ F   | 10                          | 18       | 28        | 37        | 70         | 70         | 70       | 70        |
| SCI-3523-000 | —                    | 1    | 200                    | 115 | 25       | Pi  | 0.02 $\mu$ F  | —                           | —        | 25        | 50        | 66         | 66         | 70       | 70        |
| SCI-3543-000 | —                    | 1    | 400                    | 220 | 25       | Pi  | 6000 pF       | —                           | —        | 15        | 35        | 54         | 65         | 70       | 70        |
| SCI-9550-102 | —                    | 1    | 500                    | 115 | 25       | FT  | 1000 pF       | —                           | —        | —         | 11        | 20         | 28         | 28       | 28        |
| 1202-052     | —                    | 1    | 500                    | —   | 25       | Pi  | 3000 pF       | —                           | —        | 10        | 35        | 55         | 55         | 70       | 70        |
| 1202-054     | —                    | 2    | 500                    | —   | 25       | Pi  | 3000 pF       | —                           | —        | 10        | 35        | 55         | 55         | 70       | 70        |
| 51-702-020*  | /61-0003             | 3    | 500                    | 350 | 25       | Pi  | 3000 pF       | —                           | —        | —         | 35        | 55         | 55         | 70       | 70        |
| 51-702-021   | /61-0004             | 3    | 500                    | 350 | 25       | Pi  | 3000 pF       | —                           | —        | 10        | 35        | 55         | 55         | 70       | 70        |
| SCI-9550-332 | —                    | 1    | 500                    | 115 | 25       | FT  | 3300 pF       | —                           | —        | 12        | 20        | 30         | 33         | 40       | 40        |
| SCI-3553-000 | —                    | 1    | 500                    | 220 | 25       | Pi  | 0.012 $\mu$ F | —                           | —        | 18        | 28        | 52         | 52         | 70       | 70        |
| 1202-005     | —                    | 2    | 700                    | —   | 25       | Pi  | 2000 pF       | —                           | —        | 5         | 20        | 50         | 55         | 70       | 70        |

\* Denotes parts with 5/16-24 Threads

