

Hermetically Sealed Threaded Case Filters



.375 ø T Circuit

Thread length: A - 0.187 (4.76) B - 0.312 (7.92)

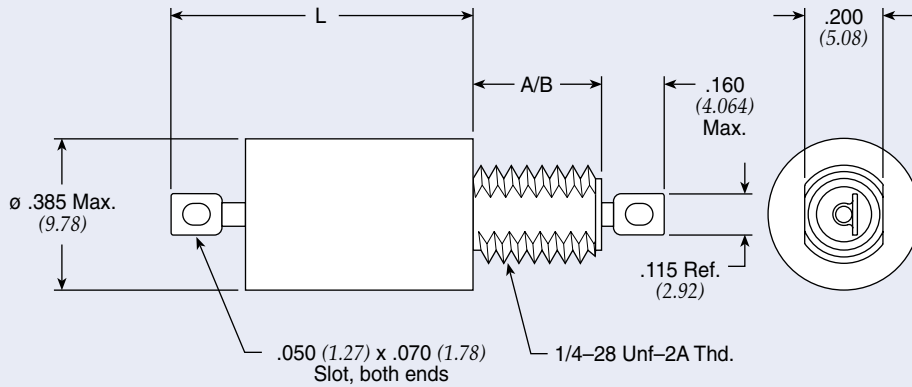


Figure 1

Note: Max. O.D. is ø .416" for Military QPL Filters.

Dimensions in inches (mm)

.375 ø T Circuit Standard Product

| Part Number | MIL No | Figure | Rated Voltage | | | | I Amp | Min Cap µF | DCR Max Ohms | Max L In (mm) | Thd Lgth | Minimum Insertion Loss (dB) | | | | | | |
|----------------|--------|--------|---------------|---|-------|-----|-------|------------|--------------|----------------|----------|-----------------------------|---------|---------|-------|--------|---------|-------|
| | | | 85°C | | 125°C | | | | | | | 30 KHz | 150 KHz | 300 KHz | 1 MHz | 10 MHz | 100 MHz | 1 GHz |
| SCI-2040-012 | — | 1 | 80 | — | 50 | — | 2.00 | 1.400 | 0.126 | 1.071 (27.203) | B | 8 | 22 | 30 | 55 | 70 | 70 | 70 |
| SCI-2040-013 | — | 1 | 80 | — | 50 | — | 3.00 | 1.400 | 0.054 | 1.071 (27.203) | B | 8 | 22 | 28 | 43 | 70 | 70 | 70 |
| †9004-100-2017 | — | 1 | 80 | — | 50 | — | 15.0 | 1.400 | 0.005 | 1.179 (29.947) | A | 17 | 27 | 34 | 44 | 60 | 70 | 70 |
| SCI-2140-004 | — | 1 | 150 | — | 100 | — | 1.00 | 0.500 | 0.500 | 1.070 (27.178) | A | 4 | 25 | 40 | 70 | 70 | 70 | 70 |
| SCI-2140-006 | — | 1 | 150 | — | 100 | — | 3.00 | 0.500 | 0.054 | 1.071 (27.203) | A | 4 | 19 | 24 | 39 | 70 | 70 | 70 |
| SCI-2140-007 | — | 1 | 150 | — | 100 | — | 10.0 | 0.500 | 0.010 | 1.071 (27.203) | A | 4 | 19 | 24 | 34 | 57 | 70 | 70 |
| SCI-2340-009 | — | 1 | 300 | — | 300 | 125 | 0.25 | 0.150 | 8.000 | 1.071 (27.203) | B | 11 | 57 | 70 | 70 | 70 | 70 | 70 |
| SCI-2340-004 | — | 1 | 300 | — | 300 | 125 | 1.00 | 0.150 | 0.500 | 1.071 (27.203) | A | — | 13 | 29 | 59 | 70 | 70 | 70 |
| SCI-2340-013 | — | 1 | 300 | — | 300 | 125 | 3.00 | 0.150 | 0.054 | 1.071 (27.203) | B | — | 8 | 14 | 29 | 70 | 70 | 70 |
| SCI-2340-014 | — | 1 | 300 | — | 300 | 125 | 10.0 | 0.150 | 0.010 | 1.071 (27.203) | B | — | 8 | 14 | 24 | 47 | 70 | 70 |

† Also available through Spectrum Control's authorized distributors.

.375 ø T Circuit MIL Qualified Product

(See MIL index on page 237-239 for complete MIL part number listing)

| Part Number | M15733 MIL No | Figure | Rated Voltage | | | | I Amp | Min Cap µF | DCR Max Ohms | Max L In (mm) | Thd Lgth | Minimum Insertion Loss (dB) | | | | | | |
|-------------|---------------|--------|---------------|---|-------|-----|-------|------------|--------------|----------------|----------|-----------------------------|---------|---------|-------|--------|---------|-------|
| | | | 85°C | | 125°C | | | | | | | 30 KHz | 150 KHz | 300 KHz | 1 MHz | 10 MHz | 100 MHz | 1 GHz |
| 51-382-609 | 25-0024 | 1 | — | — | 100 | — | 2.00 | 0.750 | 0.100 | 1.179 (29.947) | B | 10 | 22 | 31 | 55 | 80 | 70 | 70 |
| 51-382-603 | 25-0007 | 1 | — | — | 100 | — | 4.00 | 0.750 | 0.063 | 1.345 (34.163) | A | 10 | 22 | 28 | 43 | 80 | 70 | 70 |
| †51-351-604 | 26-0012 | 1 | — | — | 150 | 125 | 2.00 | 0.250 | 0.100 | 1.179 (29.947) | A | — | 13 | 21 | 43 | 80 | 70 | 70 |
| 51-351-603 | 26-0008 | 1 | — | — | 150 | 125 | 4.00 | 0.250 | 0.063 | 1.345 (34.163) | A | — | 11 | 18 | 33 | 80 | 70 | 70 |

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