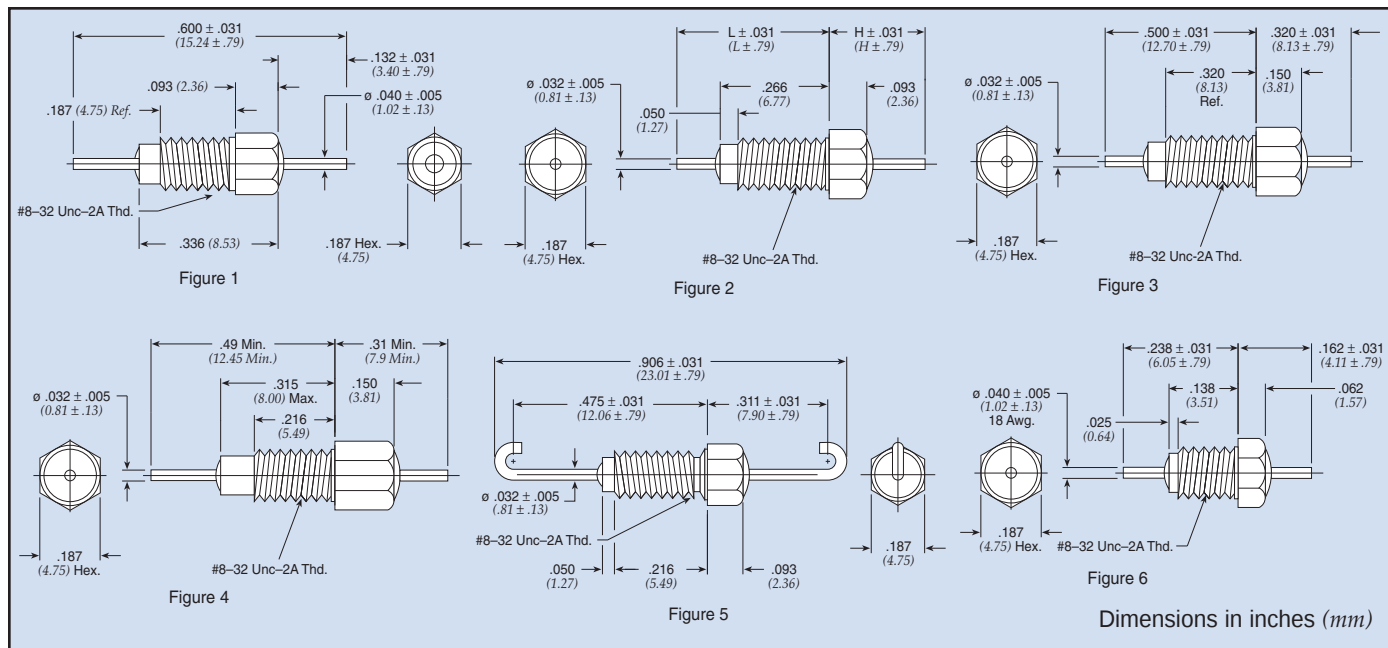


# Resin Sealed Bolt-in Filters

## 8-32 L & Pi Circuit



| Part Number    | M15733 MIL Number | Fig. | Rated Voltage 125°C |     | I Amp | CKT | Min Cap  | In    | H (mm) | L In  | L (mm)  | Minimum Insertion Loss (dB) |       |        |        |         |         |       |        |
|----------------|-------------------|------|---------------------|-----|-------|-----|----------|-------|--------|-------|---------|-----------------------------|-------|--------|--------|---------|---------|-------|--------|
|                |                   |      | DC                  | AC  |       |     |          |       |        |       |         | 1 MHz                       | 3 MHz | 10 MHz | 30 MHz | 100 MHz | 300 MHz | 1 GHz | 10 GHz |
| 51-712-069 €   | —                 | 2    | 50                  | —   | 10    | Pi  | 0.012 µF | 0.265 | (6.73) | 0.413 | (10.49) | 5                           | 9     | 18     | 45     | 65      | 70      | 70    | 70     |
| † 51-712-065   | /61-0014          | 4    | 50                  | —   | 20    | Pi  | 0.012 µF | 0.310 | (7.87) | 0.490 | (12.45) | —                           | 10    | 20     | 30     | 65      | 70      | 70    | 70     |
| † 1250-054     | —                 | 2    | 70                  | —   | 10    | Pi  | 5000 pF  | 0.312 | (7.92) | 0.500 | (12.70) | —                           | —     | 20     | 30     | 65      | 65      | 70    | 70     |
| † 1293-001     | —                 | 3    | 70                  | —   | 10    | Pi  | 0.028 µF | —     | —      | —     | —       | 10                          | 14    | 38     | 65     | 75      | 75      | 75    | 75     |
| 51-712-055     | /43-0002          | 2    | 100                 | 70  | 10    | Pi  | 3000 pF  | 0.312 | (7.92) | 0.578 | (14.68) | —                           | —     | 5      | 15     | 45      | 50      | 50    | 50     |
| † 51-712-014   | /28-0001          | 2    | 100                 | 70  | 10    | Pi  | 3000 pF  | 0.312 | (7.92) | 0.890 | (22.61) | —                           | —     | 5      | 15     | 45      | 60      | 60    | 60     |
| 51-712-028     | /28-0002          | 5    | 100                 | 70  | 10    | Pi  | 3000 pF  | —     | —      | —     | —       | —                           | —     | 5      | 15     | 45      | 60      | 60    | 60     |
| † 51-712-063*  | /61-0008          | 2    | 100                 | 70  | 10    | Pi  | 5500 pF  | 0.312 | (7.92) | 0.500 | (12.70) | —                           | —     | 15     | 35     | 65      | 70      | 70    | 70     |
| † 51-712-003 ◇ | —                 | 2    | 100                 | —   | 10    | LB  | 0.022 µF | 0.280 | (7.11) | 0.850 | (21.59) | 7                           | 17    | 27     | 34     | 43      | 50      | 60    | 60     |
| 51-712-060 ◇   | /28-0004          | 2    | 100                 | 70  | 10    | LB  | 0.022 µF | 0.312 | (7.92) | 0.890 | (22.61) | 10                          | 17    | 28     | 34     | 41      | 50      | 60    | 60     |
| † 51-712-067   | /61-0013          | 2    | 100                 | —   | 10    | LB  | 0.031 µF | 0.280 | (7.11) | 0.890 | (22.61) | 10                          | 20    | 30     | 38     | 42      | 52      | 60    | 60     |
| 51-762-006     | /44-0003          | 6    | 125                 | 85  | 15    | Pi  | 65 pF    | —     | —      | —     | —       | —                           | —     | —      | —      | —       | —       | 16    | 42     |
| † 1250-059     | —                 | 6    | 125                 | —   | 15    | Pi  | 1500 pF  | —     | —      | —     | —       | —                           | —     | 5      | 15     | 35      | 45      | 60    | 60     |
| † 51-762-005   | /44-0002          | 6    | 125                 | 85  | 15    | Pi  | 1500 pF  | —     | —      | —     | —       | —                           | —     | 5      | 15     | 25      | 35      | 50    | 50     |
| 1250-062       | —                 | 1    | 125                 | —   | 15    | Pi  | 3000 pF  | —     | —      | —     | —       | —                           | —     | 5      | 15     | 45      | 45      | 70    | 70     |
| † 51-744-003*  | /44-0001          | 1    | 125                 | 85  | 15    | Pi  | 3000 pF  | —     | —      | —     | —       | —                           | —     | 10     | 15     | 30      | 40      | 65    | 65     |
| † SCI-3223-000 | —                 | 2    | 200                 | 115 | 10    | Pi  | 2000 pF  | 0.312 | (7.92) | 0.890 | (22.61) | —                           | —     | 8      | 10     | 48      | 50      | 70    | 70     |
| † 1250-003 €   | —                 | 2    | 200                 | —   | 10    | Pi  | 3000 pF  | 0.312 | (7.92) | 0.890 | (22.61) | —                           | —     | 5      | 15     | 45      | 65      | 70    | 70     |
| † 51-712-001*  | —                 | 2    | 200                 | —   | 10    | Pi  | 3000 pF  | 0.312 | (7.92) | 0.890 | (22.61) | —                           | —     | 5      | 15     | 45      | 65      | 70    | 70     |
| 1250-049       | —                 | 2    | 200                 | —   | 10    | Pi  | 3000 pF  | 0.312 | (7.92) | 0.578 | (14.68) | —                           | —     | 5      | 15     | 45      | 65      | 65    | 60     |
| † 51-744-002 ◇ | —                 | 2    | 200                 | —   | 10    | Pi  | 5500 pF  | 0.265 | (6.73) | 0.413 | (10.49) | —                           | 7     | 14     | 30     | 55      | 70      | 70    | 70     |
| † 1293-000     | —                 | 3    | 200                 | —   | 10    | Pi  | 0.012 µF | —     | —      | —     | —       | 5                           | 10    | 28     | 40     | 65      | 70      | 70    | 70     |

† Also available through API's authorized distributors.

◇ Supplied with .040" (1.02mm) diameter lead.

€ Also available through API's authorized European distributors/agents.

\* Denotes parts with turret lead.