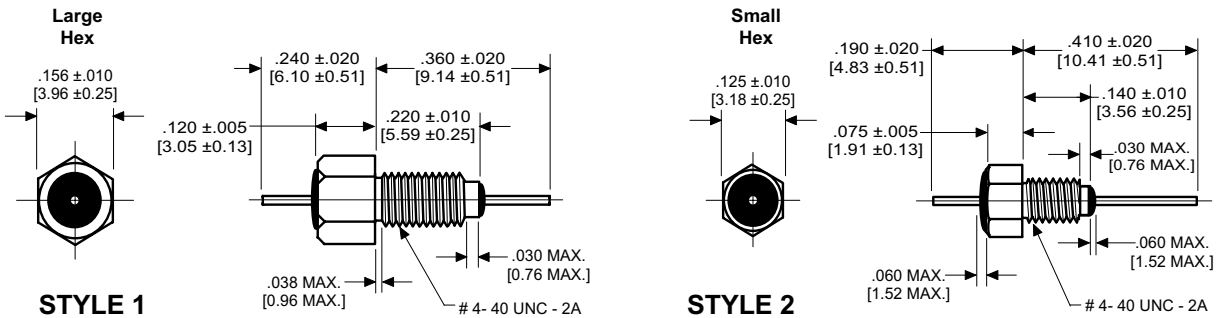


The products listed in this catalog are only a few of the thousands of variations that TUSONIX produces. For custom component design, please contact the factory direct.

Catalog 4000R6
Section 2
Revised 03/23/06



#4-40 UNC-2A Pi & C Filters



inches
[mm]

| TUSONIX Part Number | Style | Lead Dia. | Circuit | Working Voltage (dc) | | Capacitance (pF) | Capacitance Tolerance | Current (A) | Minimum No-Load Insertion Loss (dB) at 25°C per MIL-Std-220 | | | | |
|---------------------|-------|------------|---------|----------------------|-------|------------------|-----------------------|-------------|---|-------|--------|------|-------|
| | | | | 85°C | 125°C | | | | 1MHz | 10MHz | 100MHz | 1GHz | 10GHz |
| | | | | Pi Configuration | | | | | | | | | |
| 4261-001 | 1 | .018 [.46] | Pi | -- | 50 | 5500 | GMV | 3 | -- | 14 | 55 | 70 | -- |
| 4200-012 | 1 | .018 [.46] | Pi | -- | 200 | 1500 | -0,+100% | 3 | -- | 5 | 42 | 70 | -- |
| C Configuration | | | | | | | | | | | | | |
| 4403-035 | 2 | .030 [.76] | C | 70 | 50 | 10,000 | GMV | 10 | 4 | 20 | 35 | 50 | 50 |
| 4400-005 | 1 | .020 [.51] | C | 70 | 50 | 10,000 | GMV | 10 | 4 | 20 | 35 | 50 | 50 |
| 4400-035 | 1 | .030 [.76] | C | 70 | 50 | 10,000 | GMV | 10 | 4 | 20 | 35 | 50 | 50 |
| 4403-005 | 2 | .020 [.51] | C | 70 | 50 | 10,000 | GMV | 10 | 4 | 20 | 35 | 50 | 50 |
| 4400-006 | 1 | .020 [.51] | C | 70 | 50 | 15,000 | GMV | 10 | 7 | 20 | 35 | 50 | 60 |
| 4400-036 | 1 | .030 [.76] | C | 70 | 50 | 15,000 | GMV | 10 | 7 | 20 | 35 | 50 | 60 |
| 4403-006 | 2 | .020 [.51] | C | 70 | 50 | 15,000 | GMV | 10 | 7 | 20 | 35 | 50 | 60 |
| 4403-036 | 2 | .030 [.76] | C | 70 | 50 | 15,000 | GMV | 10 | 7 | 20 | 35 | 50 | 60 |
| 4400-010 | 1 | .020 [.51] | C | 70 | 50 | 27,000 | GMV | 10 | 10 | 28 | 42 | 65 | 65 |
| 4400-040 | 1 | .030 [.76] | C | 70 | 50 | 27,000 | GMV | 10 | 10 | 28 | 42 | 65 | 65 |
| 4403-010 | 2 | .020 [.51] | C | 70 | 50 | 27,000 | GMV | 10 | 10 | 28 | 42 | 65 | 65 |
| 4403-040 | 2 | .030 [.76] | C | 70 | 50 | 27,000 | GMV | 10 | 10 | 28 | 42 | 65 | 65 |
| 4400-016 | 1 | .020 [.51] | C | 50 | 50 | 50,000 | GMV | 10 | 15 | 35 | 45 | 70 | -- |
| 4400-041 | 1 | .030 [.76] | C | 50 | 50 | 50,000 | GMV | 10 | 15 | 35 | 45 | 70 | -- |
| 4400-003 | 1 | .020 [.51] | C | 150 | 100 | 2700 | GMV | 10 | -- | 10 | 25 | 40 | 50 |
| 4400-033 | 1 | .030 [.76] | C | 150 | 100 | 2700 | GMV | 10 | -- | 10 | 25 | 40 | 50 |
| 4403-003 | 2 | .020 [.51] | C | 150 | 100 | 2700 | GMV | 10 | -- | 10 | 25 | 40 | 50 |
| 4403-033 | 2 | .030 [.76] | C | 150 | 100 | 2700 | GMV | 10 | -- | 10 | 25 | 40 | 50 |
| 4400-004 | 1 | .020 [.51] | C | 150 | 100 | 5000 | GMV | 10 | -- | 15 | 30 | 45 | 55 |
| 4400-034 | 1 | .030 [.76] | C | 150 | 100 | 5000 | GMV | 10 | -- | 15 | 30 | 45 | 55 |
| 4403-004 | 2 | .020 [.51] | C | 150 | 100 | 5000 | GMV | 10 | -- | 15 | 30 | 45 | 55 |
| 4403-034 | 2 | .030 [.76] | C | 150 | 100 | 5000 | GMV | 10 | -- | 15 | 30 | 45 | 55 |
| 4400-680 | 1 | .030 [.76] | C | 300 | 200 | 5 | MAX | 10 | -- | -- | -- | -- | -- |
| 4403-680 | 2 | .030 [.76] | C | 300 | 200 | 5 | MAX | 10 | -- | -- | -- | -- | -- |
| 4400-008 | 1 | .020 [.51] | C | 300 | 200 | 10 | GMV | 10 | -- | -- | -- | 5 | 20 |
| 4400-038 | 1 | .030 [.76] | C | 300 | 200 | 10 | GMV | 10 | -- | -- | -- | 5 | 20 |
| 4403-008 | 2 | .020 [.51] | C | 300 | 200 | 10 | GMV | 10 | -- | -- | -- | 5 | 20 |
| 4403-038 | 2 | .030 [.76] | C | 300 | 200 | 10 | GMV | 10 | -- | -- | -- | 5 | 20 |

Drawings not to scale.

All bushing style filters include hex nut and lock washer unless otherwise noted.