

C



| INSERTION LOSS | | | | | | | | | | | |
|----------------------------------|----|----|----|----|----|----|----|----|----|----|---|
| Insertion Loss, dB Minimum, 25°C | | | | | | | | | | | |
| Frequency | X | Y | Z | A | B | C | D | E | F | G | J |
| 1 MHz | 22 | 16 | 13 | 6 | 5 | 3 | — | — | — | — | — |
| 10 MHz | 41 | 36 | 33 | 24 | 23 | 16 | 8 | 4 | — | — | — |
| 100 MHz | 56 | 53 | 52 | 41 | 39 | 35 | 28 | 21 | 10 | 5 | 1 |
| 500-1000 MHz | 60 | 57 | 57 | 50 | 49 | 46 | 41 | 34 | 23 | 17 | 8 |

CAPACITANCE

| Class | C - Circuit (pF) |
|-------|------------------|
| X* | 80,000 - 120,000 |
| Y* | 40,000 - 60,000 |
| Z* | 30,000 - 45,000 |
| A | 19,000 - 28,000 |
| B | 16,000 - 22,500 |
| C | 9,000 - 16,500 |
| D | 4,000 - 6,000 |
| E | 1,650 - 2,500 |
| F | 400 - 650 |
| G | 200 - 300 |
| J | 35-60 |

* Filter Classes X, Y and Z are 250 VDC.
All others are 500 VDC

Pi



| INSERTION LOSS | | | | | | | | | | | |
|----------------------------------|-----|-----|-----|----|----|----|----|----|----|-----|----|
| Insertion Loss, dB Minimum, 25°C | | | | | | | | | | | |
| Frequency | X | Y | Z | A | B | C | D | E | F | G | J |
| 1 MHz | 23 | 19 | 17 | 10 | 8 | 5 | 1 | — | — | — | — |
| 10 MHz | 70 | 55 | 52 | 40 | 35 | 25 | 14 | 8 | 2 | 0.8 | — |
| 100 MHz | 75+ | 75+ | 75+ | 62 | 60 | 57 | 50 | 40 | 15 | 13 | 4 |
| 500-1000 MHz | 75+ | 75+ | 75+ | 66 | 62 | 60 | 58 | 52 | 32 | 22 | 15 |

CAPACITANCE

| Class | Pi - Circuit (pF) |
|-------|-------------------|
| X* | 160,000 - 240,000 |
| Y* | 80,000 - 120,000 |
| Z* | 60,000 - 90,000 |
| A | 38,000 - 56,000 |
| B | 32,000 - 45,000 |
| C | 18,000 - 33,000 |
| D | 8,000 - 12,000 |
| E | 3,300 - 5,000 |
| F | 800 - 1,300 |
| G | 400 - 600 |
| J | 70-120 |

* Filter Classes X, Y and Z are 250 VDC.
All others are 500 VDC

Notes

Standard voltage rating is 500 VDC DWV.

Insertion loss values quoted are for 50Ω impedance and no load condition.

Classes X, Y and Z are 250 VDC DWV. Consult factory for additional information.

Some shell configurations may require extra length for classes X, Y and Z.

Other configurations available. Consult factory.

Dimensions in inches (millimeters) and are subject to change without notice.