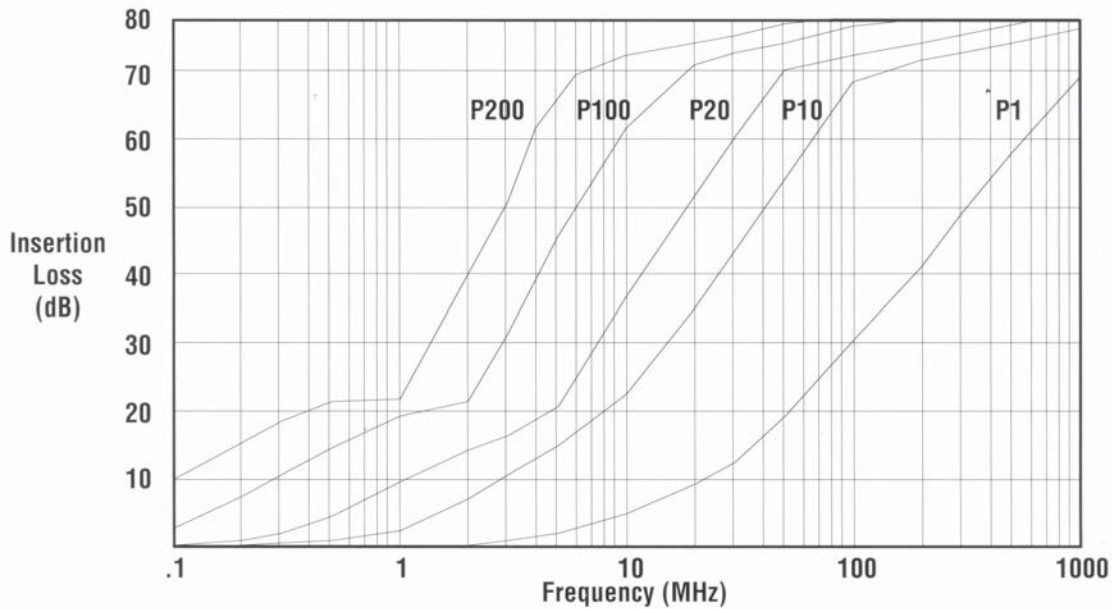


Electrical Characteristics - 'Pi' Section

| Filter Description | P200 | P100 | P76 | P38 | P20 | P10 | P8 | P4 | P2 | P1 |
|--|---|------|-----|-----|-----|------------------------|----|----|----|----|
| Operating Temp Range | -55 to + 125 C | | | | | | | | | |
| Voltage Rating | 100 VDC | | | | | 200 VDC-120Vrms 400 Hz | | | | |
| Current Rating | 15 amps size 16 / 7.5 amps size 20 / 5 amps size 22 | | | | | | | | | |
| Insulation Resistance | 5000 megohms minimum @ 100 VDC | | | | | | | | | |
| Current Rating R.F. | 3.0 amps min | | | | | | | | | |
| DWV sea level with 50 microamps max charge/discharge | 250 VDC | | | | | 500 VDC | | | | |

'Pi' Section Curves



Insertion Loss Table

| Filter Description | See Notes | P200 | P100 | P76 | P38 | P20 | P10 | P8 | P4 | P2 | P1 |
|---|-----------|------------|-----------|----------|----------|----------|---------|------------|------------|------------|-----------|
| Capacitance in Nanofarads at 1Khz, .1VRMS | | 160 240 | 80 120 | 60 91 | 30 46 | 16 24 | 8 12 | 6.4 9.2 | 3.2 4.8 | 1.6 2.4 | .8 1.2 |
| Minimum No Load Insertion loss at 25° | Freq Mhz | | | | | | | | | | |
| | .1 | 8 | 4.1 | 3 | 1 | .3 | .1 | - | - | - | - |
| | 1.0 | 22.2 | 19.6 | 18.2 | 13.3 | 8.2 | 3.9 | 2.9 | .9 | .2 | - |
| | 2 | 32.8 | 21.7 | 19.7 | 16.8 | 12.7 | 8 | 6.6 | 2.9 | 1 | .3 |
| | 10 | 73.5 | 61 | 57 | 44.4 | 31.5 | 20.6 | 18.3 | 12.8 | 8.1 | 4.0 |
| | 100 | 85+ | 85+ | 85+ | 85+ | 78.0 | 65.8 | 61.9 | 49.6 | 37.3 | 25.6 |
| 500-1k | 85+ | 85+ | 85+ | 85+ | 85+ | 85+ | 85+ | 80 | 75 | 64 | 52 |

Notes:

1. P200 & P100 Capacitance Values for Size 20 Contact Arrangement & Larger
2. No Load Minimum Attenuation Values per MII-STD-2010
3. Capacitance in Nanofarads (Nominal Value)