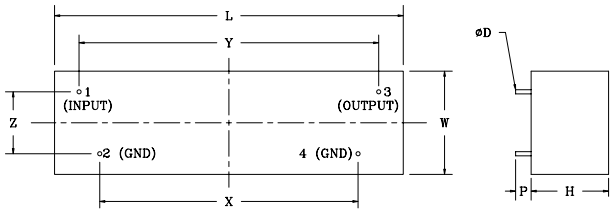
Bandpass Filters

4175-4177

- Designed for high frequency communications equipment where high stability over a wide temperature range is mandatory.
- ± 4° phase match between filters
- Small size
- Low cost

MECHANICAL (All dimensions in inches)



BOTTOM VIEW

DIMENSIONS

P/N	L	W	H	X	Y	Z	P	D
4175	5.01	1.41	0.75	3.00	4.00	1.00	0.15	0.04
4176	3.375	1.00	0.75	2.50	2.90	0.60	0.15	0.04
4177	3.375	1.00	0.75	2.50	2.90	0.60	0.15	0.04

ELECTRICAL SPECIFICATIONS @ 25˚C

	4175	4176	4177
Impedance:	500 Ω	50 Ω	50 Ω
Center Frequency:	200 kHz	2.2 MHz	30 MHz
Insertion Loss:	4 dB max.	3 dB max.	6 dB max.
3 dB Bandwidth	> 16 kHz	> 50 kHz	> 1.2 MHz
Bandwidth for 60 dB points:	< 40 kHz	< 800 kHz	< 12.5 MHz
Passband ripple:	± 0.1 dB	± 0.1 dB	± 0.1 dB
Phase at 200 kHz:	0 ± 2°	0 ± 2°	0 ± 2°

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