

Features

- Very Compact Size Cavity Delay Filter for PCS
- 0.5dB typical Insertion Loss
- 15nS Input to Output Delay time
- 40MHz linear time delay bandwidth
- within 1° Phase linearity
- High Power 100W capability

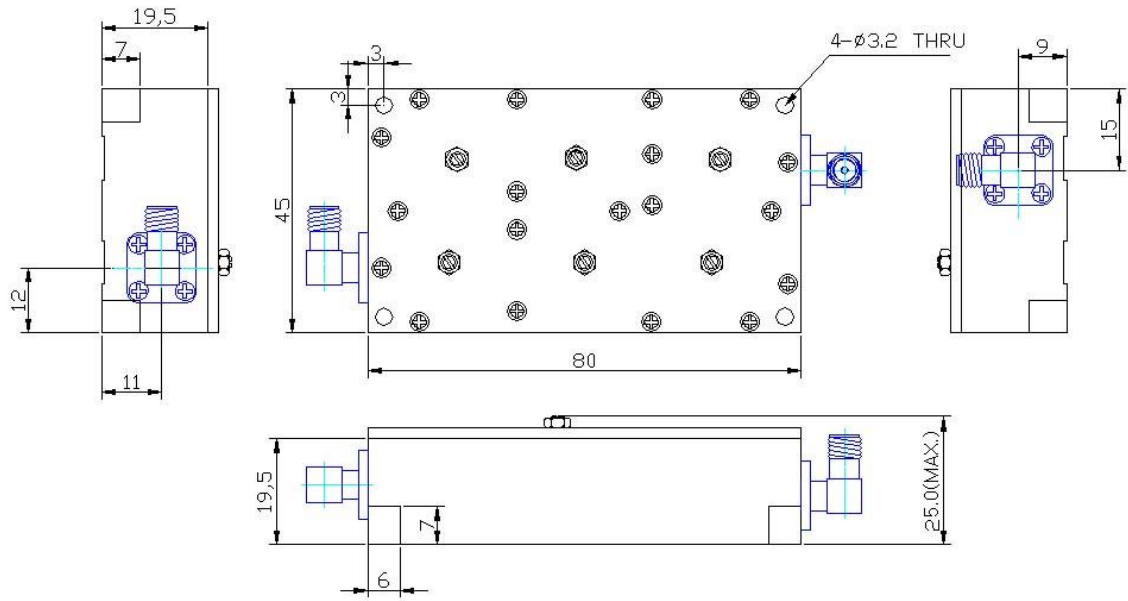
Technical Characteristics

Frequency band	1830 MHz ~ 1870 MHz
Bandwidth	40 MHz
Insertion Loss	0.5 dB _{typ.}
Input to Output Delay	15 nS
Passband Delay Flatness	± 0.1 nS
Passband Phase Linearity	1.0° p-p Max. over whole 40MHz Bandwidth
Return Loss, all ports	20 dB _{min.}
Continuous Average Power	100 W _{max.}
Dimension	80 mm * 45 mm * 25 mm

Environmental

Operating temperature range	-30 to + 85 °C
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Outline Drawing



Units : mm, Tolerance : +/- 0.2 mm

Typical Response

