

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

Descriptions

Surface mount mono-block ceramic bandpass filter developed for S band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	3825
Passband Frequency Range	MHz	3710~3940
Insertion Loss @ Fc	dB	3.5 max
Passband Flatness	dB	1.5 max
Return Loss(VSWR) in Passband	dB	15 min
Attenuation	dB	12 min @ Fc±135 MHz, 14 min @ Fc±139 MHz
		17 min @ Fc±144 MHz, 20 min @ Fc±149 MHz
		21 min @ Fc±155 MHz, 30 min @ Fc±165 MHz
		35 min @ Fc±185 MHz, 30 min @ Fc±365 MHz
		30 min @ Fc±365 ~ 1115 MHz
Group Delay Variation	ns	10 @ Fc±108 MHz
		15 @ Fc±115 MHz
Operating Input Power	Watts	1.0 CW max
IN/OUT Impedance	Ohm	50
Operating Temperature	°C	-40 ~ +85
Dimensions (Excluding Connectors)	Inch	29.5 x 12 x 7.5 (L x W x H)
RoHS	-	Yes

Mechanical Drawing

