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LTCC 1206 Multilayer Band-pass Filter

Description

Miniature monolithic microwave band-pass filter.

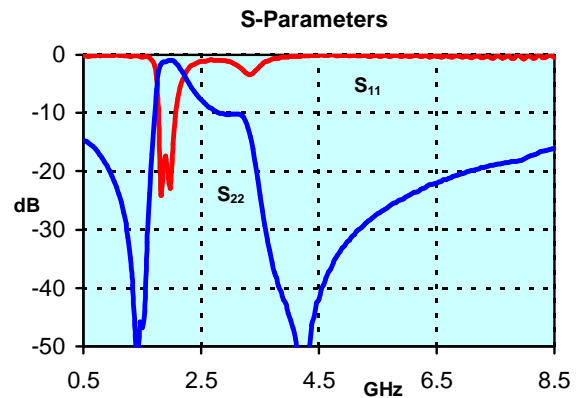
Applications

Wireless communications etc....



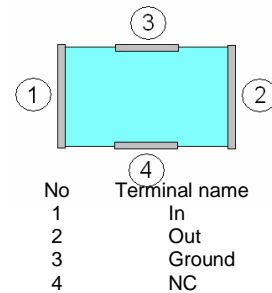
Electrical Specification

Frequency band	1.893 to 1.920 GHz
Insertion loss in band	1.5 dB max
VSWR	2.0 : 1 max
Input power	0.5 W max
Characteristic Impedance	50 Ω
Operating temperature	-40 °C to +85 °C
Attenuation	
1.405 to 1.440GHz	38 dB min
1.649 to 1.680 GHz	10 dB min
3.786 to 3.840GHz	24 dB min
5.679 to 5.760GHz	20 dB min



Mechanical Specification

Chip size	1206
Length (L1)	0.126" \pm 0.006" (3.2 mm \pm 0.15 mm)
Width (W)	0.063" \pm 0.006" (1.6 mm \pm 0.15 mm)
Thickness (H)	0.041" \pm 0.004" (1.3 mm \pm 0.1 mm)
Termination material	Nickel barrier (tin over nickel)
Solderability	IEC 60068-2-58
Printing	Parts are unprinted
Lead-free soldering	Fully compliant with ROHS and WEEE directives and compatible`



Ordering Information

1206 Chip Size	J Termination	B Filter type	1900 Frequency	NAA Electrical specification	F Dielectric	T Packaging
	J = Nickel barrier	Band-pass	MHz		F = Low K	T = Taped (3000pcs) B = Bulk