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LTCC 0805 Multilayer Band-pass Filter

Description

Ultra-miniature monolithic microwave band-pass filter.

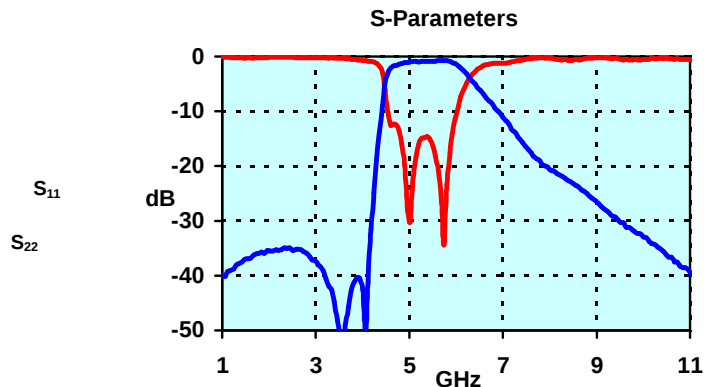
Applications

Wireless communications from 800MHz to 6GHz,
e.g. DECT, PACS, PHS, GSM, DCS phones,
WLAN card, Bluetooth, Hyper-LAN...



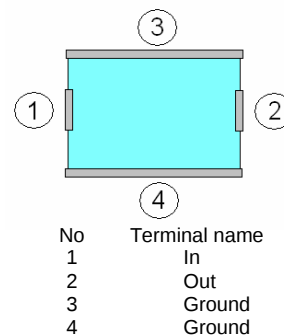
Electrical Specification

Frequency band	4.90 to 5.92 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	
at 3GHz	30 dB min
at 4GHz	35 dB min
at 10GHz	30 dB min



Mechanical Specification

Chip size	0805
Length (L1)	0.08" $\pm$ 0.004" (2.0 mm $\pm$ 0.1 mm)
Width (W)	0.049" $\pm$ 0.004" (1.25 mm $\pm$ 0.1 mm)
Thickness (H)	0.037" $\pm$ 0.004" (0.95 mm $\pm$ 0.1mm)
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 with lead free solders.



Ordering Information

0805 Chip Size	J Termination J = Nickel barrier	B Filter type Band-pass	5500 Frequency MHz	DAC Electrical specification	E Dielectric E = Med K	T Packaging T = Taped (4000pcs) B = Bulk
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AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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