



1575 MHz Ceramic Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AM1575B1577



Electrical specifications

	Typical	Spec.
Center Frequency:	1575.4 MHz	
Pass Bandwidth:	$F_c \pm 3.0$ MHz	
Insertion loss @Bandwidth:	3.0 dB	4.5 dB Max
Ripple @Bandwidth:	0.2 dB	1.0 dB Max
Return Loss @Bandwidth:	16 dB	9.5 dB Max
Attenuation:		

Fc-100 MHz	50 dB @1475.4 MHz	30 dB min. @1475.4 MHz
Fc-50 MHz	26 dB @1525.4 MHz	20 dB min. @1525.4 MHz
Fc+50 MHz	21 dB @1625.4 MHz	18 dB min. @1625.4 MHz
Fc+100 MHz	32 dB @1675.4 MHz	30 dB min. @1675.4 MHz

Input/Output Impedance: 50Ω

Input Power: 1 W Max

Mechanical

Mounting Method: SMT

Dimensions: 5.2 x 5.1 x 2.1 mm

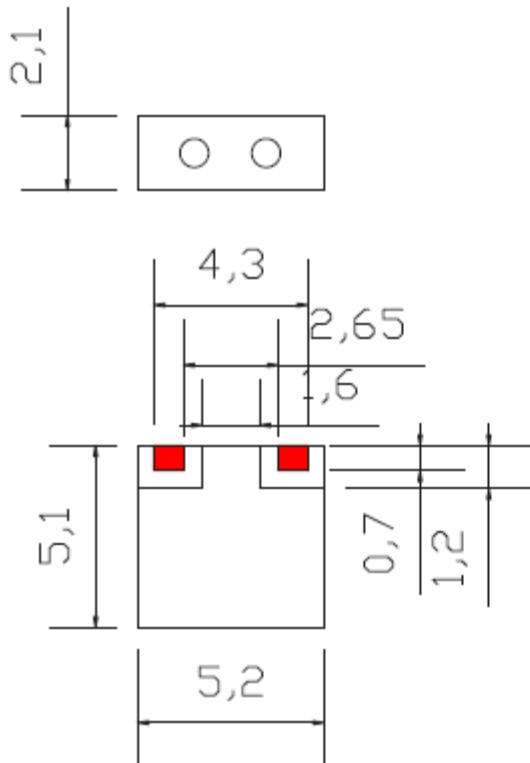
Environmental

Operating Temperature: -40°C to +85°C

Storage Temperature: -50°C to +90°C

This product is RoHS compliant.

Outline Drawing:



Units: mm

■ : I/O

TOLERANCE

±0.2 mm