

Features

- Enhanced Rejection
- Improved Return Loss
- High-Power Handling
- Wide-band response

Description

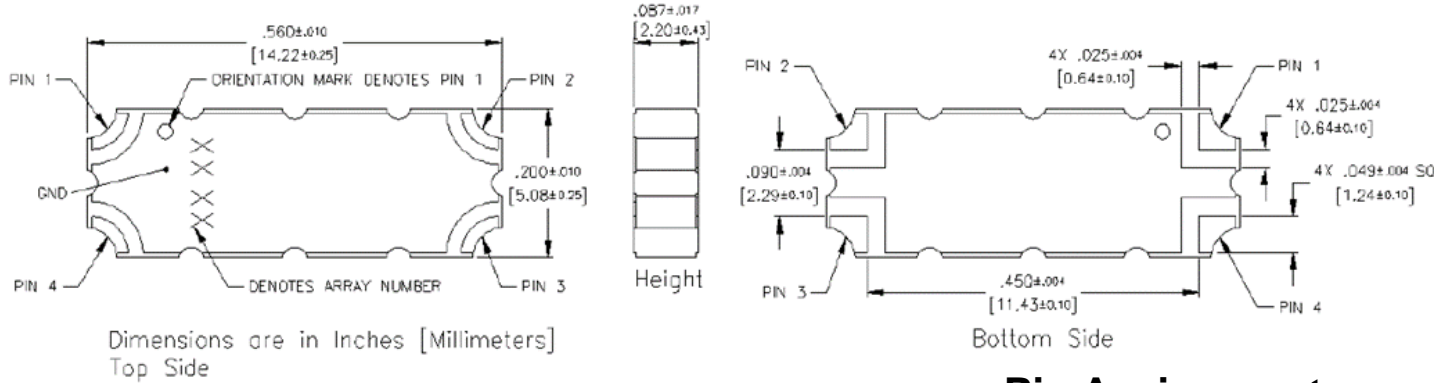
0.2”x0.56” surface-mount cross-band combiner. Developed for use in infrastructure applications.

Filter complies with RoHS standards.

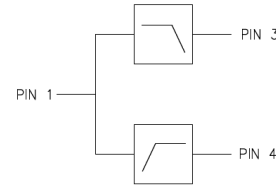
Electrical Specifications

<u>Parameter</u>	Frequency MHz	Typical @ 25°C	Specification @ 25°C	Spec over -40°C to +85°C
Low Band Response				
Passband IL	380 - 960	-0.4	-0.6	-0.6
Passband Return Loss	698 - 960	-20.0	-18.0	-18.0
	380 - 698	-18.0	-16.0	-16.0
Attenuation	1710-2690	-32.0	-30.0	-30.0
High Band Response				
Passband IL	1710-1915	-0.6	-1.0	-1.0
	1915-2690	-0.4	-0.7	-0.7
Passband Return Loss	1710-2690	-20.0	-18.0	-18.0
Attenuation	380 - 960	-32.0	-30.0	-30.0
Nominal Impedance		50 Ω		
Power in any port	Average			20 Watt max
Power in any port	Peak			200 Watt max
Power out of common port	Average			40 Watt max
Power out of common port	Peak			400 Watt max

Mechanical Drawing



Pin Assignments and PCB Layout



Pin 1	Pin 2	Pin 3	Pin 4
Common Port	GND	Low Pass Port	High Pass Port

Electrical Response

