

## Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Drop-In

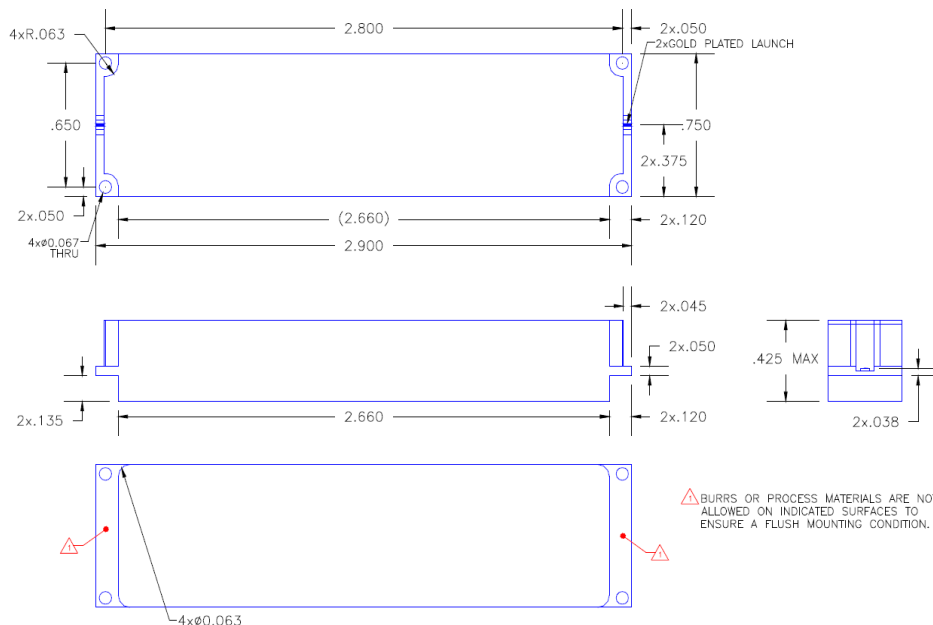
## Descriptions

Drop-in ceramic bandpass filter developed for S band applications.

## Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	3021.4
Passband Frequency Range	MHz	2996.4 ~ 3046.4
Passband Insertion Loss	dB	3.0 max
Ripple in Passband	dB	0.5 max
Return Loss (VSWR) in Passband	dB	1.5:1 max
Attenuation	dBc	70 min @ DC ~ 775MHz, 40 min @ 776 ~ 2932MHz 65 min @ 3161~3275MHz, 80 min @ 3276~4547MHz 60 min @ 5500~12500MHz, 50 min @ 12500~15000MHz 40 min @ 15000~20000MHz
Group Delay	ns	25 max
Group Delay Variation	ns	8 max
Power Handling	dBm	+27 min
In/Out Impedance	Ohm	50
Operating Temperature	°C	0 ~ +85
Storage Temperature	°C	-40 ~ +125
Humidity	%	95 ± 5
Altitude	feet	35,000 min
Dimensions	inch	2.9 x 0.75 x 0.425

## Mechanical Drawing



### Simulation Data

