

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

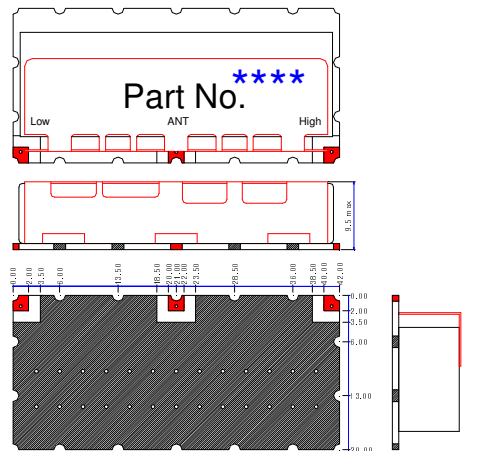
Descriptions

Surface mount ceramic duplexer developed for LTE band-12 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	707	737
Passband Frequency Range	MHz	18 (698 ~ 716)	728 ~ 746
Insertion Loss in Passband	dB	3.0 max	3.0 max
Ripple in Passband	dB	2.0 max	2.0 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation	dB	40 min @ 728 ~ 746MHz	40 min @ 698 ~ 716MHz
		50 min @ 824 ~ 960MHz	50 min @ 824 ~ 960MHz
Power Handling	Watt	3 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	42 x 20 x 9.5 (L x W x H)	

Mechanical Drawing



Notes :

1. Surface mount package
2. Dimensions in millimeters
3. Max reflow temperature 230°C for 10 sec
4. If boards are cleaned after installation units must be completely dried
5. Tolerance unless specified : ±0.3
6. **** -> Date code (YYWW)

Recommended PCB Layout

