

Features

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

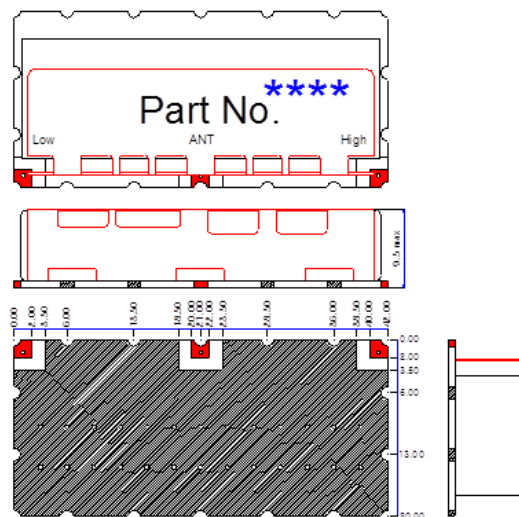
Descriptions

Surface mount ceramic duplexer developed for LTE band-13 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	751	782
Passband Frequency Range	MHz	748.5 ~ 753.5	779.5 ~ 784.5
Insertion Loss in Passband	dB	2.5 max	2.5 max
Ripple in Passband	dB	0.5 max	0.5 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	50 min @ 779.5 ~ 784.5MHz	50 min @ 748.5 ~ 753.5MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	5 (CW) max	
Operating Temperature	°C	-45 ~ +85	
Dimensions	mm	45 x 20 x 9.5 (L x W x H)	
RoHS	-	Yes	

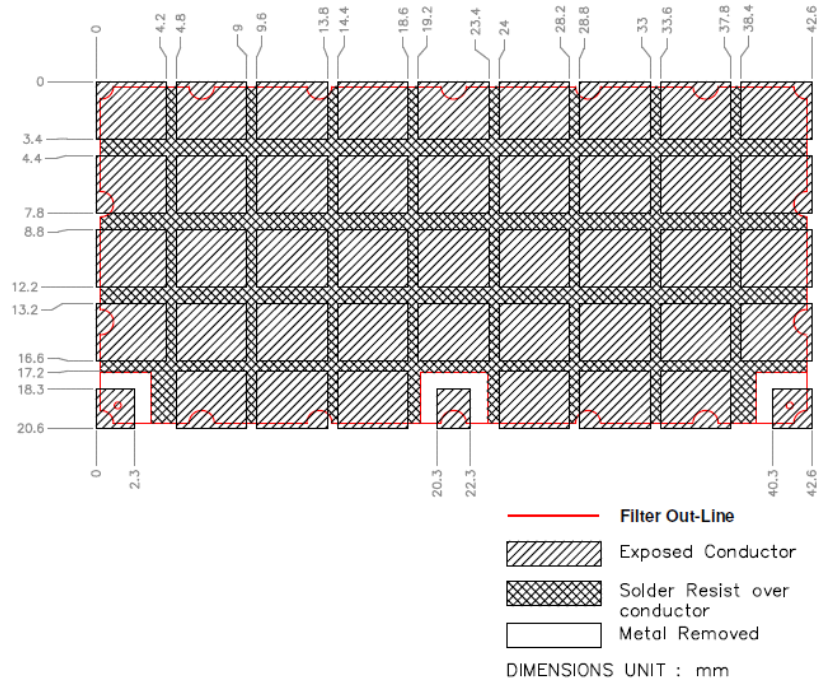
Mechanical Drawing



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



Electrical Response

