

Features

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

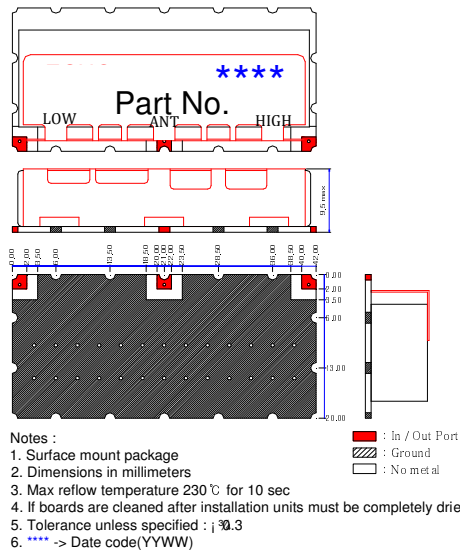
Descriptions

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

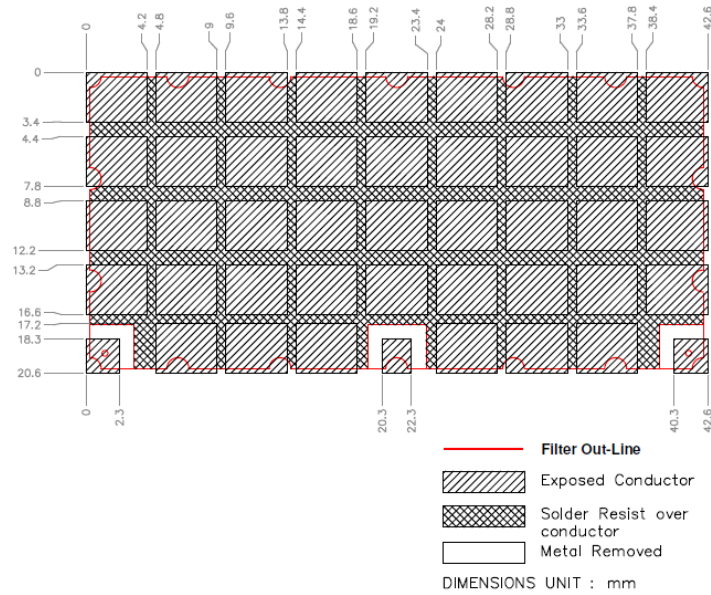
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	763	793
Passband Frequency Range	MHz	$F_c \pm 2.5$ (760.5 ~ 765.5)	$F_c \pm 2.5$ (790.5 ~ 795.5)
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	15min
Attenuation at Reject Band	dB	50 min @ 790.5 ~ 795.5 MHz	50 min @ 760.5 ~ 765.5 MHz
Power Handling	Watt	5 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-45 ~ +85	
Dimensions	mm	42 x 20 x 9.5 (L x W x H)	
RoHS	-	Yes	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

