

Features

- Low Insertion Loss
- Small Footprint
- Surface Mount
- LTE Ceramic Duplexer

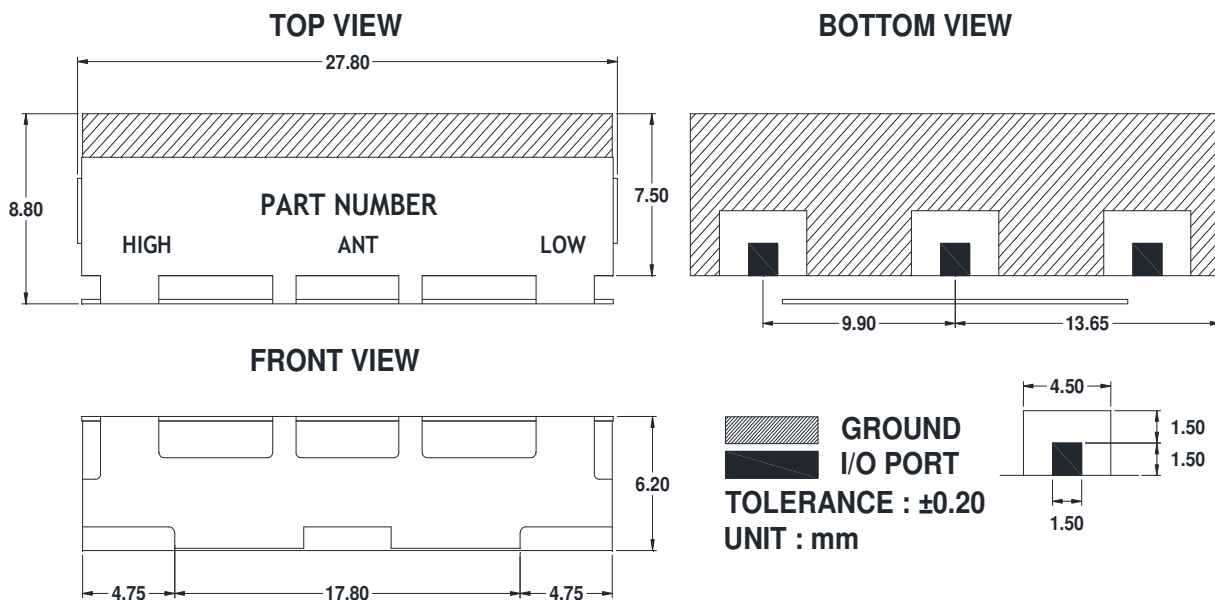
Descriptions

Surface mount, Silver (Ag) coated, ceramic duplexer, developed for LTE applications. Filter is composed of a ceramic block plated with Ag and a shield made of nickel silver plated steel.

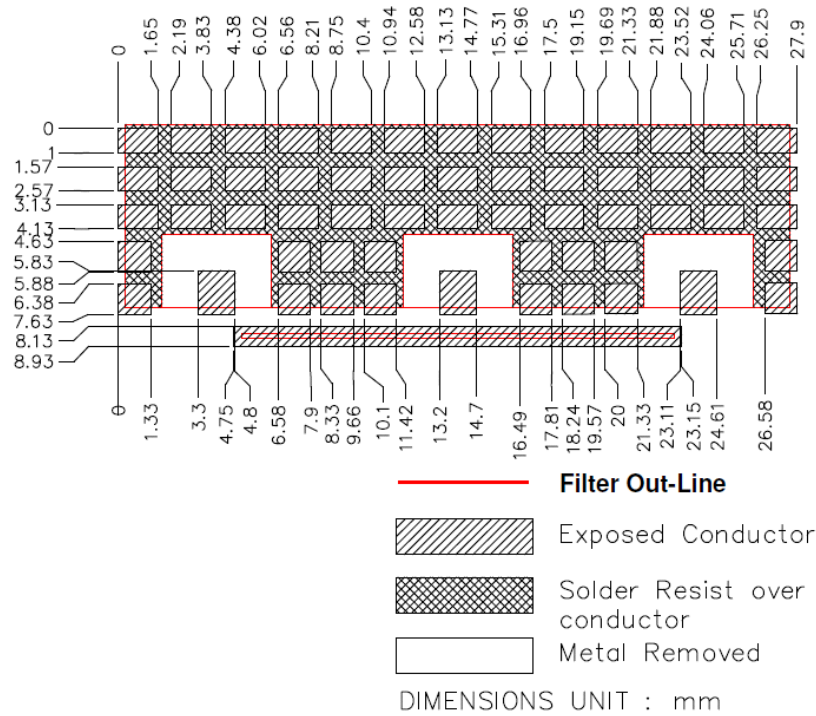
Electrical Specifications

Parameter	Unit	Specification	
		Low (TX)	High (RX)
Center Frequency	MHz	1800	2250
Band Width	MHz	100 (1750~1850)	100 (2200~2300)
Insertion Loss in BW	dB	1.0 max	1.0 max
Ripple in BW	dB	0.5 max	0.5 max
Return Loss	dB	14	14
Attenuation	dB	41 min @ 2200 ~ 2300 MHz	43 min @ 1750 ~ 1850 MHz
Input Power	Watt	2 max (CW)	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	0 to +50	
RoHS	-	Yes	
Dimensions	mm	27.8 x 8.8 x 6.2 (L x W x H)	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

