

Features

- Low insertion loss
- Small footprint
- Surface mount
- LTE Band Ceramic Duplexer

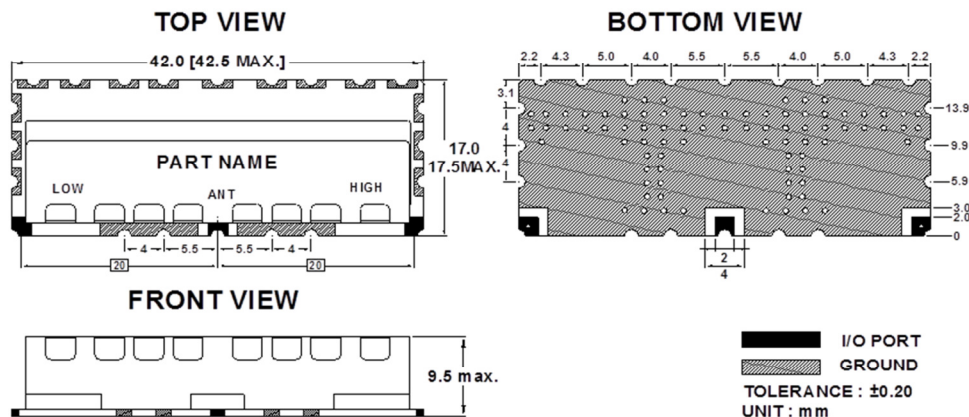
Descriptions

Surface mount, ceramic duplexer developed for LTE Band 25 applications. Filter is composed of a ceramic block with metal cover.

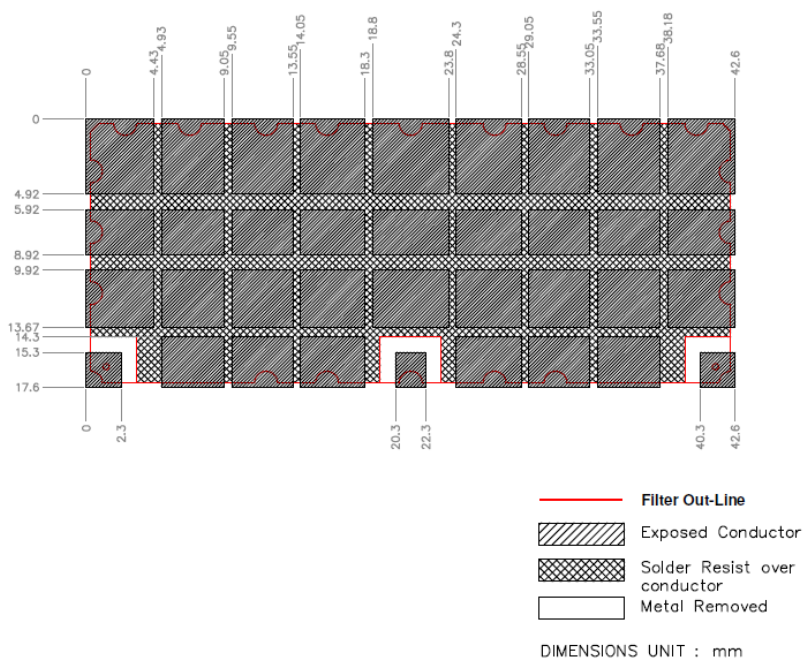
Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	1882.5	1962.5
Band Width	MHz	65 (1850~1915)	65 (1930~1995)
Insertion Loss in BW	dB	2.7 max	2.7 max
Ripple in BW	dB	2.0 max	2.0 max
Return Loss	dB	15	15
Attenuation	dB	25 min @ 1930 ~ 1995 MHz	25 min @ 1850 ~ 1915 MHz
		10 min @ 1922.5 MHz	10 min @ 1922.5 MHz
Isolation	dB	25 min @ 1930 ~ 1995 MHz	25 min @ 1850 ~ 1915 MHz
Input Power	Watt	5.0 max (CW)	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	-40 to +85	
RoHS	-	Yes	
Dimensions (maximum)	mm	42.5 L x 17.5 W x 9.5 H	

Mechanical Drawing



Recommended PCB Layout



Electrical Response

