

Features

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

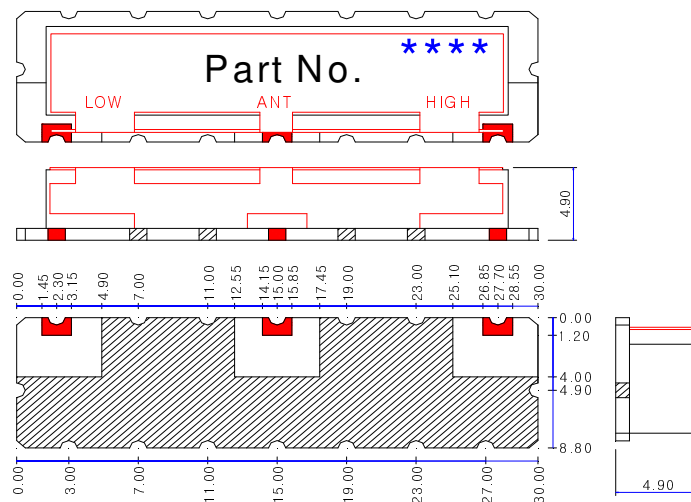
Descriptions

Surface mount ceramic duplexer developed for LTE band-1 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1950	2140
Passband Frequency Range	MHz	$F_c \pm 30$ (1920 ~ 1980MHz)	$F_c \pm 30$ (2110 ~ 2170MHz)
Insertion Loss in Passband	dB	2.0 max	2.0 max
Ripple in Passband	dB	0.7 max	0.7 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	55 min @ 2110 ~ 2170MHz	55 min @ 1920 ~ 1980MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	2.0 max	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	30.0 x 8.8 x 4.9(L x W x H)	

Mechanical Drawing

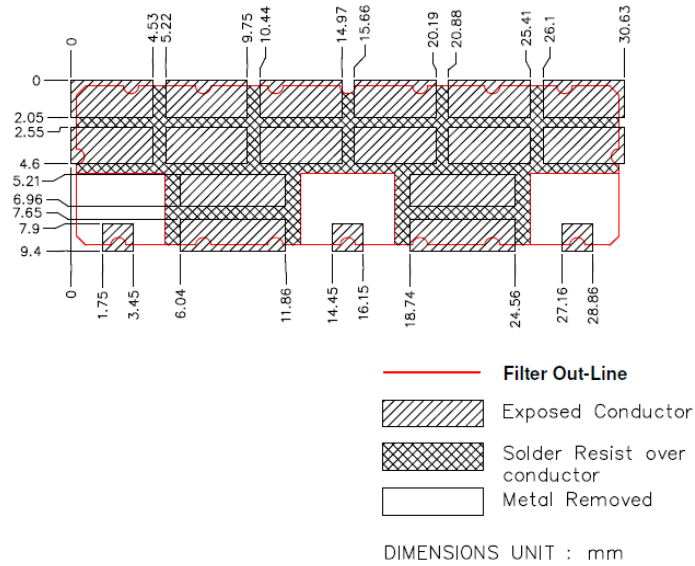


Notes :

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)

- : In / Out Port
- : Ground
- : No metal

Recommended PCB Layout



Electrical Response

