

Features

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

Descriptions

Surface mount mono-block ceramic triplexer developed for LTE bands applications.

Electrical Specifications

Parameter	Unit	Specification		
		PORT-1	PORT-2	PORT-3
Center Frequency	MHz	707	742.5	781.5
Passband Frequency Range	MHz	698 ~ 716	728 ~ 757	776 ~ 787
Insertion Loss in Passband	dB	3.0 max	3.9 max	2.8 max
Ripple in Passband	dB	1.5 max	1.5 max	0.7 max
Return Loss (VSWR) in Passband	dB	15.0 min	15.0 min	15.0 min
Attenuation	dB	45min@728~757MHz	60min@698~716MHz	50min@728~757MHz
		58min@869~894MHz	67 min@776~787MHz	42min@869~894MHz
		30min@1700~2200MHz	65min@824~849MHz	30min@1700~2200MHz
		-	60min@869~894MHz	-
		-	30min@1700~2200MHz	-
Power Handling	Watt	2.0 CW max		
In/Out Impedance	Ohm	50		
Operating Temperature	°C	-40 ~ +85		
RoHS	-	Yes		

Mechanical Drawing

