

Features

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

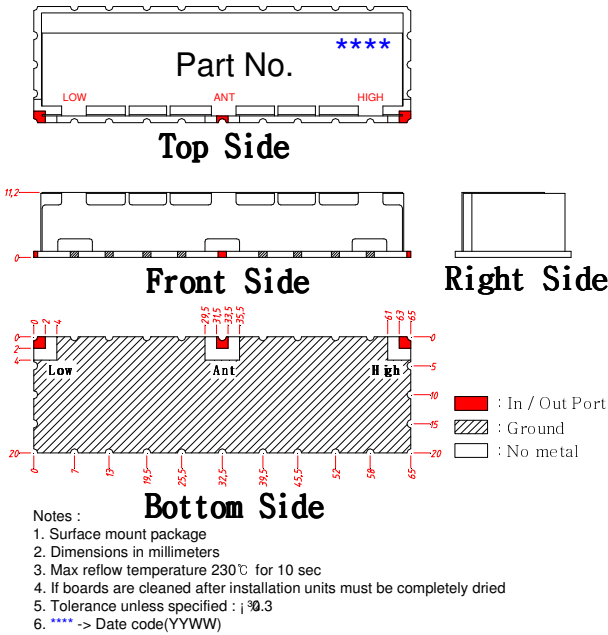
Descriptions

Surface mount ceramic duplexer developed for LTE band-5 applications.

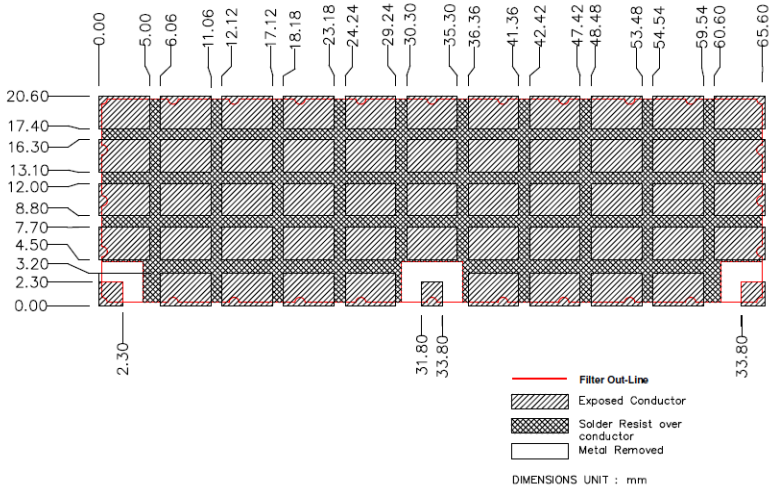
Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	836.5	881.5
Passband Frequency Range	MHz	824 ~ 849	869 ~ 894
Insertion Loss in Passband	dB	2.0 max	2.0 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	60 min @ 869 ~ 894MHz	60 min @ 824 ~ 849MHz
Power Handling	Watt	3 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-45 ~ +85	
Dimensions	mm	65.0 x 20.0 x 11.2 (L x W x H)	

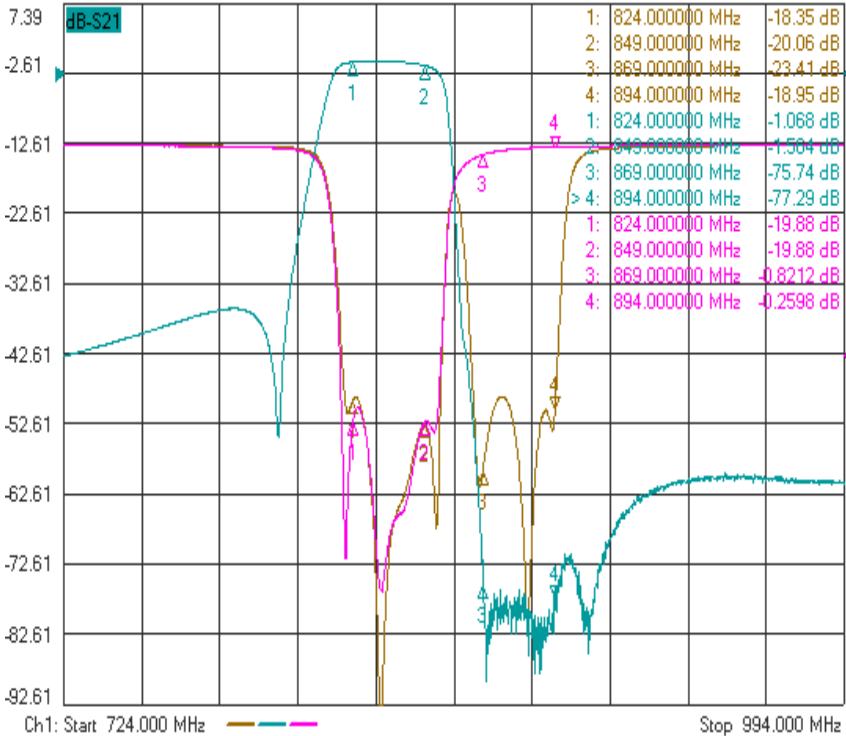
Mechanical Drawing



Recommended PCB Layout



Electrical Response



DPM836-881-25A1

LTE Band-5 Ceramic Duplexer

Rev4- Original Revision Date: March 11, 2013 – Revision Date: April 7, 2016

