

DPX836-881-25A1

LTE Band-5 Ceramic Duplexer

Rev 1 – Revision Date: February 23, 2016

Features

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

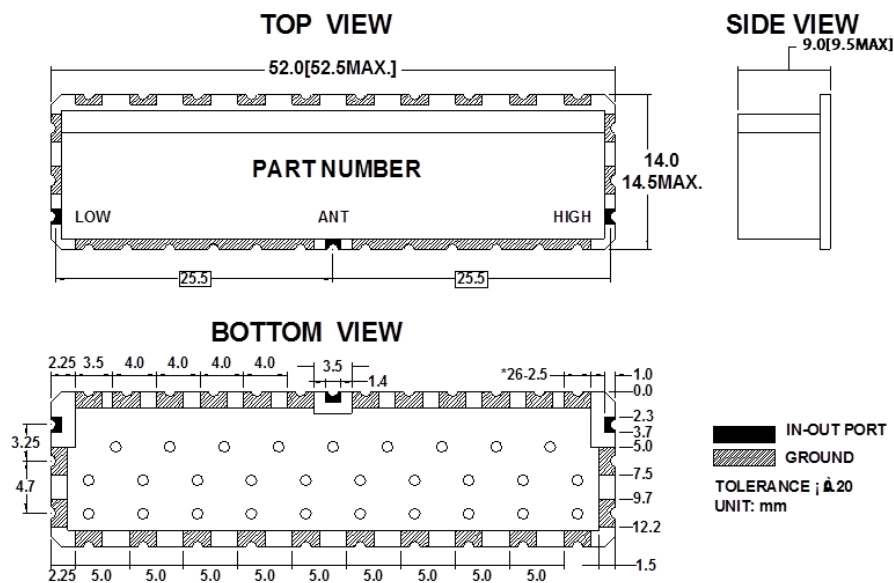
Descriptions

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	2.6 max	2.6 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	14 min	14 min
Attenuation at Reject Band	dB	42 min @ 869 ~ 894MHz	42 min @ 824 ~ 849MHz
Power Handling	Watt	3 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-30 ~ +75	
Dimensions	mm	52.5 x 14.5 x 9.5 (L x W x H)	

Mechanical Drawing



Electrical Response

