

Features

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

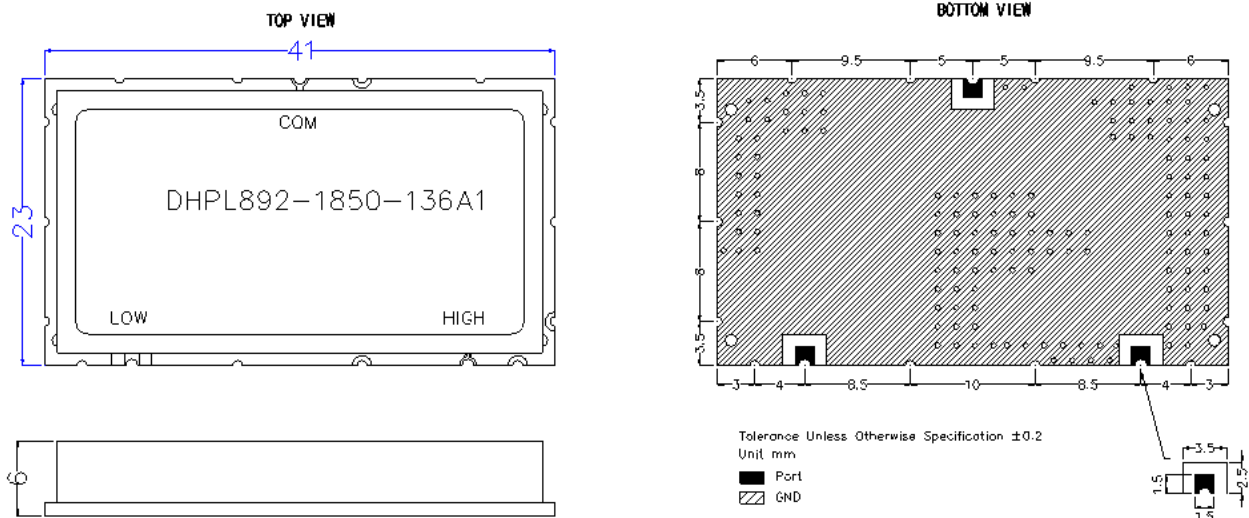
Descriptions

Surface mount lumped element diplexer developed for LTE band - 2, 3, 5 & 8 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	892	1850
Passband Frequency Range	MHz	$F_c \pm 68$ (824 ~ 960)	$F_c \pm 140$ (1710 ~ 1990)
Insertion Loss in Passband	dB	1.5 dB max.	1.5 max
Ripple in Passband	dB	0.7 dB max.	0.7 max
Return Loss (VSWR) in Passband	dB	15 min	15 min
Attenuation at Reject Band	dB	50 min @ 1710 ~ 1990MHz	60 min @ 824 ~ 960MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	60.0 max	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	41.0 x 23.0 x 6.0 (L x W x H)	

Mechanical Drawing



Electrical Response

