



1176 MHz/1575 MHz Ceramic Duplexer

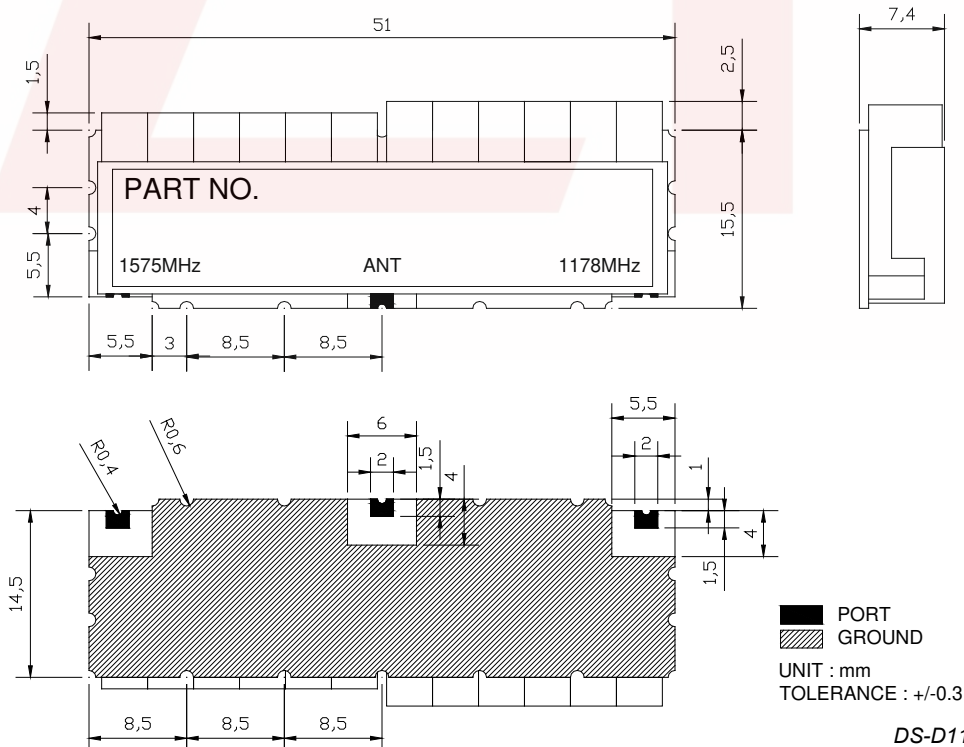
Part Number: AM1176-1575D1147



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

ITEM	L1	L2
Center Frequency(F0)	1176.42 MHz	1575.42 MHz
-3dB Bandwidth (BW)	18 MHz min	18 MHz min
Pole	6	6
Insertion Loss (F0)	4.5 dB max	4.5 dB max
Ripple in (F0±5.0 MHz)	1.5 dB max	1.5 dB max
Return Loss	11 dB min	11 dB min
Attenuation	50dB min at 100~1110MHz 40dB min at 1120MHz 20dB min at 1155MHz 20dB min at 1196MHz 40dB min at 1200~1220MHz 50dB min at 1220~2100MHz	50dB min at 100~1535MHz 40dB min at 1547MHz 20dB min at 1599MHz 50dB min at 1607MHz 50dB min at 1626.5~1660.5MHz 50dB min at 1660.5~2100MHz
In/Out Impedance	50 Ω	50 Ω
Group Delay Variation (F0±9.0 MHz)	40 nsec	40 nsec
Absolute delay	150 nsec	150 nsec
Input Power(max)	20dBm max	20dBm max
Operating Temp	-40~+70°C	-40~+70°C
Storage Temp	-55~+85°C	-55~+85°C
PCB Dielectric Constant	FR4	
PCB thickness	1.0mm	
PCB finish	Au	
This product is RoHS compliant.		

Outline Drawing:



DS-D1147-08202015-Rev0