ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

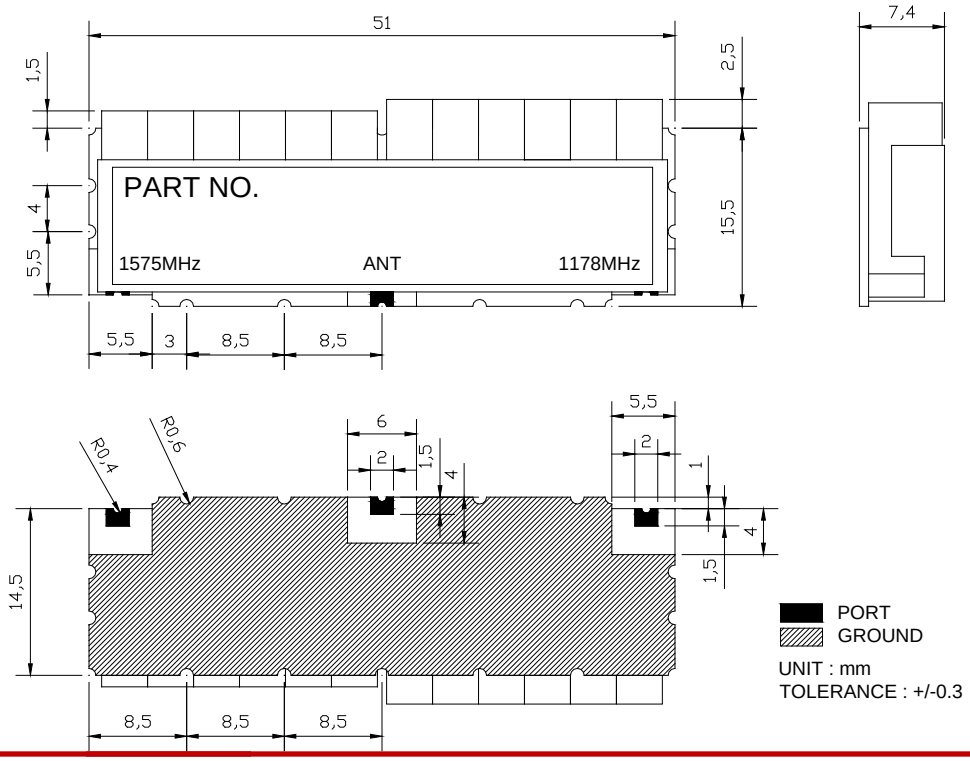
1176 MHz/1575 MHz Ceramic Duplexer

Part Number: AM1176-1575D1147

ISO 9001 REGISTERED FIRM

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) Absolute delay	40 nsec 150 nsec	40 nsec 150 nsec
Input Power(max)	20dBm max	20dBm max
Operating Temp	-40~+70℃	-40~+70℃
Storage Temp	-55~+85℃	-55~+85℃
PCB Dielectric Constant PCB thickness PCB finish	FR4 1.0mm Au	
This product is RoHS compliant.		

Outline Drawing:



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