

2618-2690MHz Cavity BPF SPEC

Part Number MWD2654BW72DINT Version1.2

Date2015Oct15

1. Electrical Specifications

Item	Specification
Operating Frequency Range	2618MHz ~ 2690MHz
Operating Bandwidth	72MHz
Passband Insertion Loss	≤ 1.0dB (Over Temp.)
Passband Ripple	≤ 0.75dB
Passband Return Loss	≥ 18dB
Rejection	≥20dB@1-2473MHz ≥100dB@1550-1600MHz ≥20dB@2710-12750MHz ≥74dB@824-2025MHz ≥54dB@2400~2473MHz ≥45dB@2496-2568MHz ≥38dB@4992-5380MHz ≥38dB@7488-8070MHz ≥38dB@9984-10760MHz ≥38dB@12480-13450MHz ≥38dB@14976-16140MHz ≥38dB@17472-18830MHz ≥38dB@19968-21520MHz
Group Delay Variation in Passband	≤ 40ns
PIM	≤ -140dBc@2*+43dBm
Power	OFDM RMS power of 50W and peak power of 400W due to PAPR of 10dB
Input & Output Impedance	50Ω

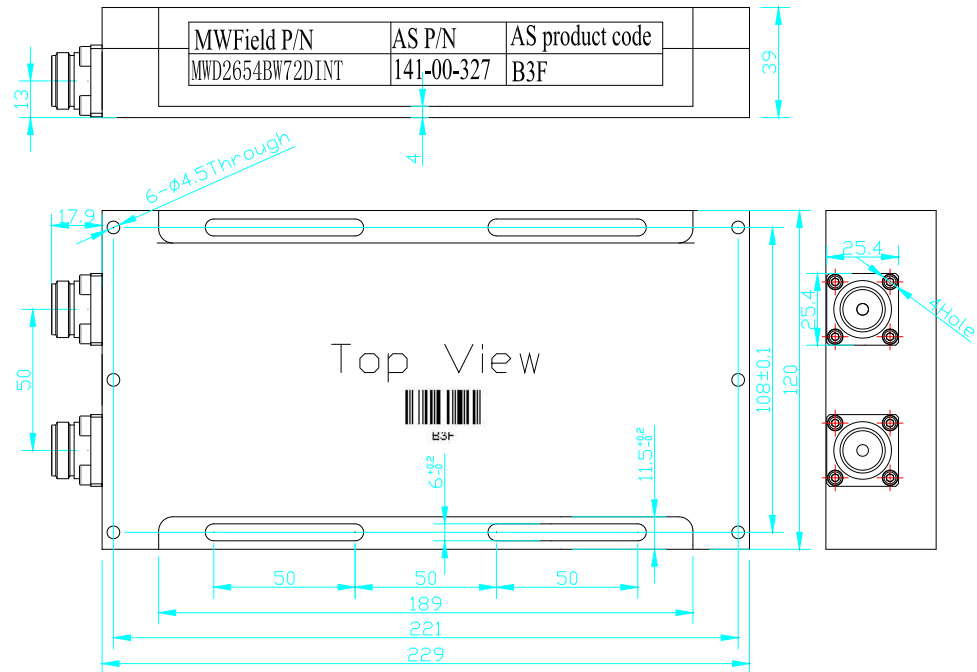
Environmental Specifications

Item	Specification
Operating temperature Range	-40℃ to +85℃
Lightning Surge	Max 6kV Pulsed
Application	Outdoor,IP67

Mechanical Specifications

Item	Specification
Connectors	DIN 4.1-9.5 Female(4 Holes)
Color	RAL9002
Weight	1.4kg(estimated)

2. Outline



3. Simulation Curve

