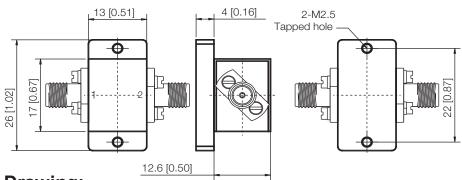
Isolator, Ultra Wide Band Isolator, 2.92 Female



Outline Drawing:

All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)

Parameter	Min	Тур	Max	Units
Frequency Range		22- 33 GHz		
Insertion Loss	-40°C	25°C	+80°C	°C
	1.70	1.60	1.70	dB
Isolation (Note 1)	-40°C	25°C	+80°C	°C
	13	15	13	dB
vswr	-40°C	25°C	+80°C	°C
	1.80	1.60	1.80	:1
Forward Power (CW)			10	W
Rotation		Clockwise (Standard) Counter Clockwise (upon request)		
Input / Output Connectors		2.92mm-Female		
Finishing		Nickel Plated		
Case Material		Copper		
Weight		1.06 Ounces		
Impedance		50 Ω		

Environmental Specifications

Operational Temperature	-40°C~+85°C		
Storage Temperature	-40°C~+85°C		
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)		
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)		
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis		
Humidity	100% RH at 35c, 95%RH at 40°c		
Shock	20G for 11msec half sine wave,3 axis both directions		

Note1

Units which have a narrower frequency bandwidth can achieve higher isolation & lower insertion loss

Bandwidth (5 \sim 10) % x Center Frequency (Isolation >20dB)

Bandwidth (20~30) % x Center Frequency (Isolation >19dB)

Bandwidth (40~60) % x Center Frequency (Isolation >17dB)

Ask manufacture for detail

Note: Isolators & Circulators belong to magnetic Components, Place far away from the magnetic matters by over 0.2 Inches when you place of Install