



Outline Drawing:

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

Parameter	Min	Typ	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 ~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