



0120A04208001S

Power Divider

2-8GHz 4Way SMA
Fwd.:35W/Rev.:2W Isolated Power
Divider

Features

- ✓ Use as Divider or Combiner
- ✓ Low Insertion Loss & VSWR
- ✓ High Isolation



Test Report

Electrical Specifications

Frequency	2-8GHz
Insertion Loss (Above Theoretical Loss:6.0dB)	0.4dB(Typ.) 0.7dB(Max.)@2-6GHz(-40~75°C) 0.6dB(Typ.) 0.9dB(Max.)@6-8GHz(-40~75°C) 0.5dB(Typ.) 1.0dB(Max.)@75~85°C
VSWR(Input)	1.20:1(Typ.) 1.45:1(Max.)@-40~75°C 1.35:1(Typ.) 1.5:1(Max.)@75~85°C
VSWR(Output)	1.20:1(Typ.) 1.35:1(Max.)@2-6GHz(-40~75°C) 1.35:1(Typ.) 1.45:1(Max.)@6-8GHz(-40~75°C) 1.35:1(Typ.) 1.50:1(Max.)@6-8GHz@75~85°C
Isolation	21dB(Min.) 24dB(Typ.)@-40~75°C 20dB(Min.) 22dB(Typ.)@75~85°C
Phase Unbalance	±4°(Max.)
Amplitude Unbalance	±0.3dB(Max.)
Power:Forward:	35W (Avg.)
Reverse:	2W(Avg.)
Impedance	50Ohm
Connection	SMA Female

Mechanical

Durability	500 Cycles
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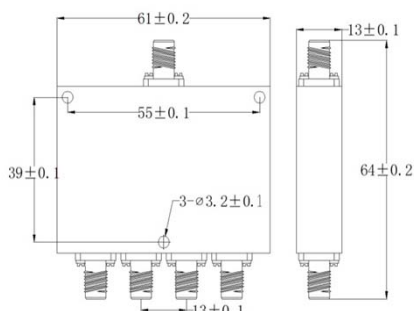
Environmental

Operating Temperature	-40°C~85°C
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Material

Part	Material	Plated
Connector	Brass	Tri-Metal

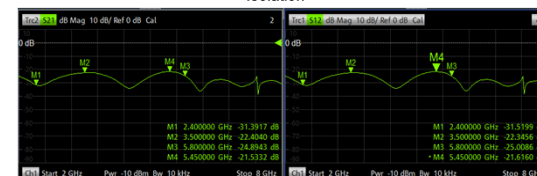
Outling Drawing (Unit:mm[inch])



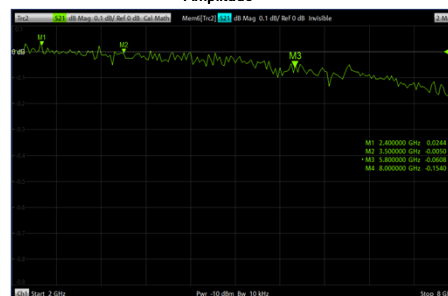
VSWR/Insertion Loss



Isolation



Amplitude



Phase

