



2-WAY WIDE BAND POWER DIVIDER MPD005060S2L

FEATURE

- Operating Frequency:0.5~18GHz
- Stable Performance and High Reliability
- High Isolation
- Low Insertion Loss
- Small Phase&Amplitude Errors
- Operating Temperature:-55~+85°C

APPLICATIONS

- Communication system
- Radar&Warfare system
- Test Equipment



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	0.5		6	GHz
Isolation	18			dB
Insertion Loss			0.9	dB
VSWR			1.3:1	Ratio
Phase Balance			±2	degree
Amplitude Balance			±0.2	dB
Power Handling(Forward)			20	watt
Power Handling(Reversed)			1	watt

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-55		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity (non-condensing)		90		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

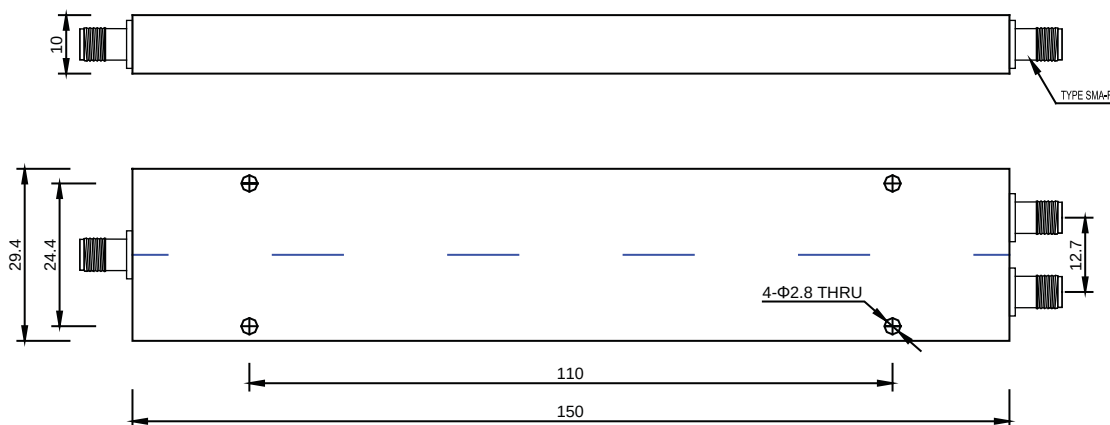
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	150*29.4*10	Max	Millimeter
Weight	80	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



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OUTLINE DRAWING(mm):



2D7

TEST DATA:

	Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
Specs	0.5~6GHz	≤0.9dB	≥18dB	≤1.30:1	≤±0.2dB	≤±2°
S/N						
1	0.5~6GHz	0.65dB	24.3dB	1.22:1	0.33dB	0.8°