



2-WAY WIDE BAND POWER DIVIDER MPD030050S2M

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	3		5	GHz
Isolation	20			dB
Insertion Loss			0.6	dB
VSWR			1.3	Ratio
Phase Balance			±2	degree
Amplitude Balance			±0.2	dB
Power Handling (Forward)			20	Watt
Power Handling (Reversed)			0.5	Watt

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+85	°C
Non-operating Temperature	-55		125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

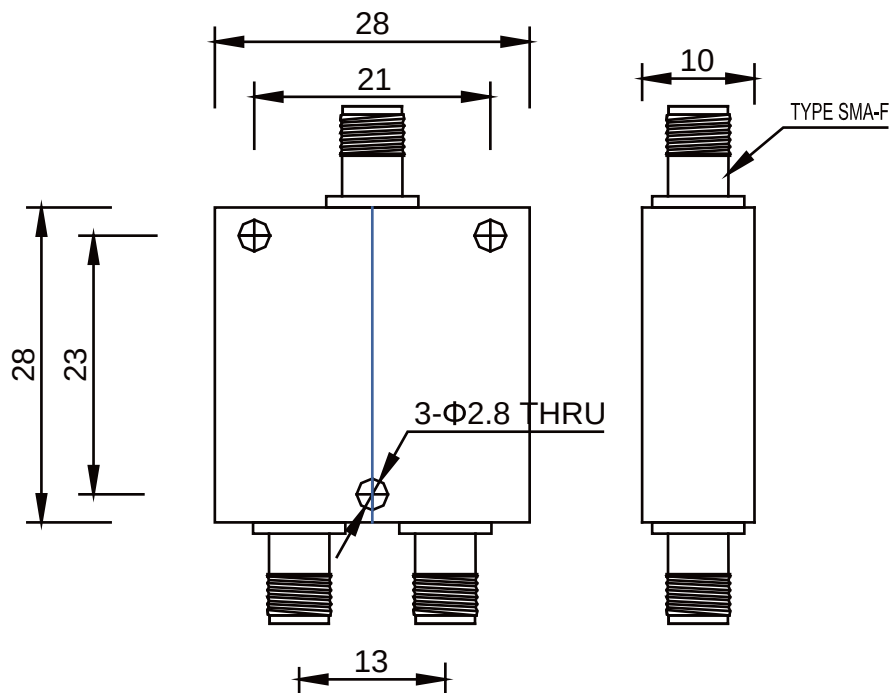
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	28*28*10	Max	Millimeter
Weight	30	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



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OUTLINE DRAWING(mm):



2D13