



4-WAY WIDE BAND POWER DIVIDER MPD020180S4M

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	2		18	GHz
Isolation	16			dB
Insertion Loss@Above 6.02dB Split			1.8	dB
VSWR Input			1.65:1	Ratio
VSWR Output			1.5:1	Ratio
Phase Balance			12	degree
Amplitude Balance			0.5	dB
Power Handling(Forward)			10	Watt
Power Handling(Reversed)			1	Watt

Note:Power Handling guaranteed when load's VSWR within 1.50:1.

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		

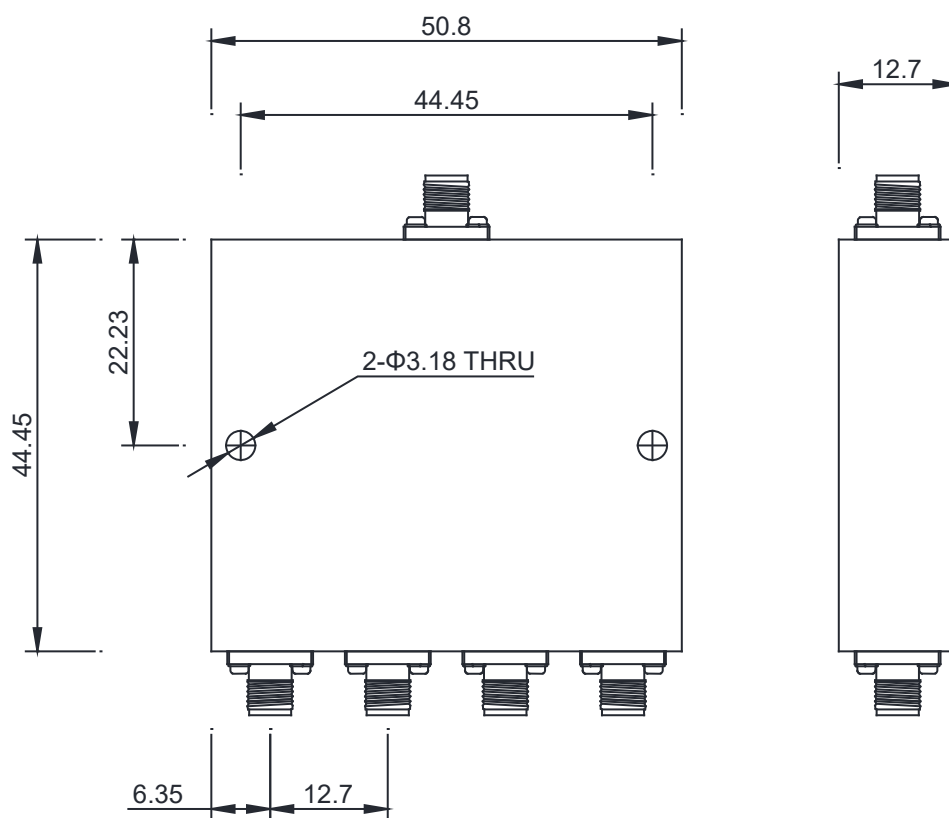
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	50.5*44.45*12.7	Max	Millimeter
Weight	110	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



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OUTLINE DRAWING(mm):



4D39