



4-WAY WIDE BAND POWER DIVIDER MPD008035S4H

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	0.8		3.5	GHz
Isolation	22			dB
Insertion Loss			0.9	dB
VSWR Input			1.3	Ratio
VSWR Output			1.2	Ratio
Phase Balance			±3	degree
Amplitude Balance			±0.3	dB
Power Handling(FWD)			30	Watt
Power Handling(REV)			1	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		

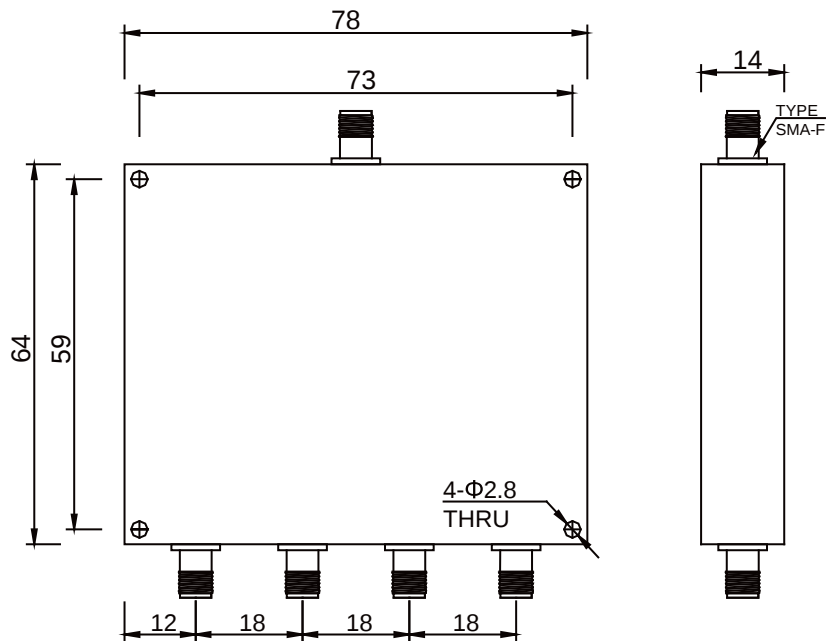
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	78*64*14	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):



4D17

TEST DATA:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
0.8~3.5GHz	0.88dB	23.0 dB	In:1.22:1 Out:1.17:1	0.09 dB	0.5°