



6-WAY WIDE BAND POWER DIVIDER MPD040080S6L

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:

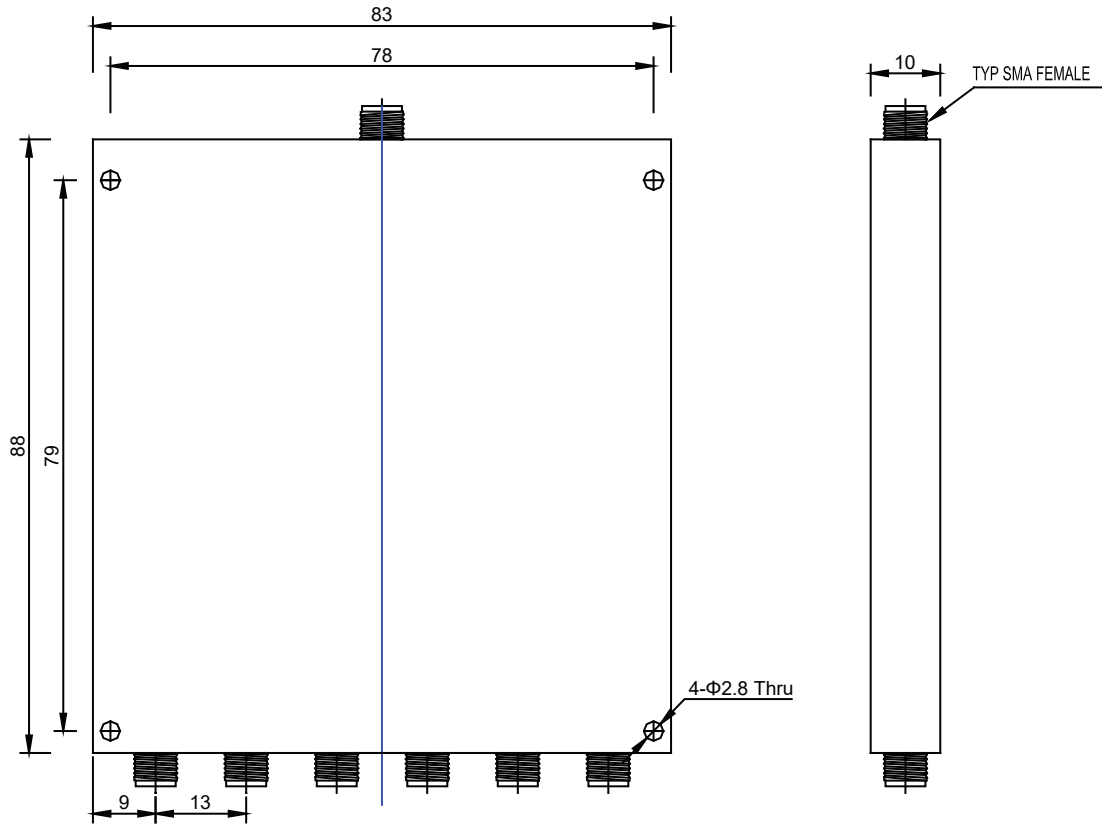
Parameter	Min	Typical	Max	Units
Frequency Range	4		8	GHz
Isolation	17			dB
Insertion Loss			1.6	dB
VSWR Input			1.65:1	Ratio
Phase Balance			±7	degree
Amplitude Balance			±0.8	dB
Power Handling(Forward)			20	watt
Power Handling(Reversed)			1	watt

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	83*88*10	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



6D1

TEST DATA:

	Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
Specs	4~8GHz	≤1.6dB	≥17dB	≤1.65:1	≤±0.8dB	≤±7°
S/N						
1	4~8GHz	0.95dB	24.2dB	1.38:1	0.33dB	2.5°