



4-WAY WIDE BAND POWER DIVIDER MPD060180S4H

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:

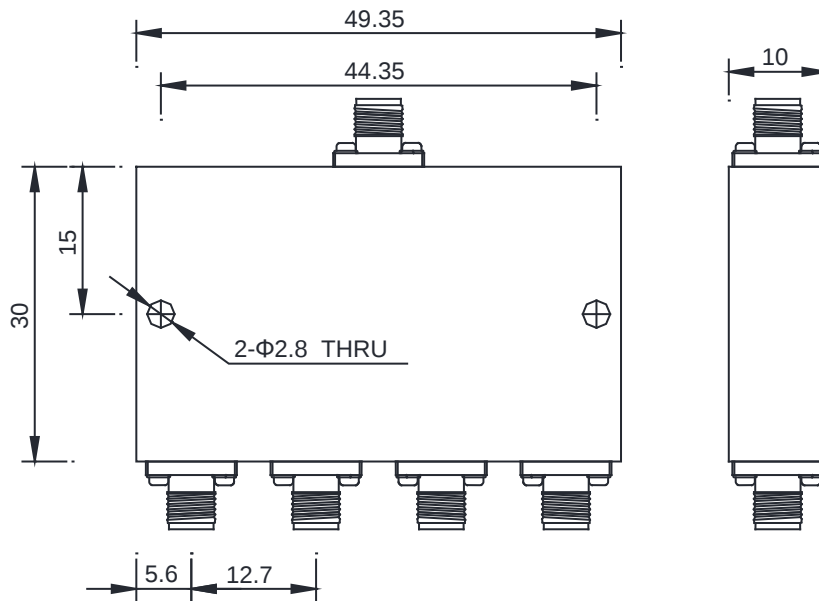
Parameter	Min	Typical	Max	Units
Frequency Range	6		18	GHz
Isolation	16			dB
Insertion Loss			1.2	dB
VSWR			1.5:1	Ratio
Phase Balance			±5	degree
Amplitude Balance			±0.5	dB
Power Handling(Forward)			20	Watt
Power Handling(Reversed)			0.5	Watt

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	49.35*30*10	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

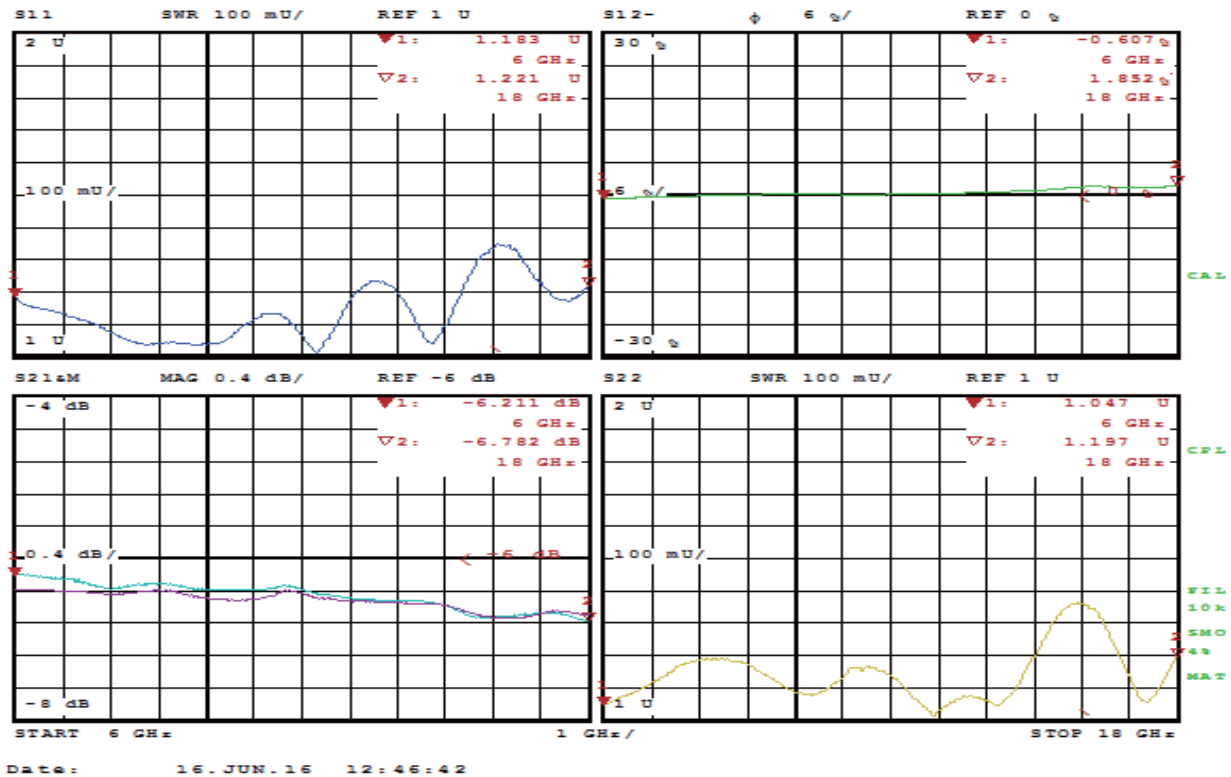
OUTLINE DRAWING(mm):**4D20****TEST DATA:**

	Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
Specs	6~18GHz	≤1.2dB	≥18dB	≤1.50:1	≤±0.5dB	≤±5°
S/N						
1	6~18GHz	0.78dB	19.6dB	1.38:1	0.22dB	1.9°



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Insertion Loss, Phase Balance ,VSWR



Isolation:

