



2-WAY WIDE BAND POWER DIVIDER MPD060180S2L

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	18			dB
Insertion Loss			0.7	dB
VSWR Input			1.5	Ratio
VSWR Output			1.5	Ratio
Phase Balance			5	degree
Amplitude Balance			0.4	dB
Power Average			10	watt

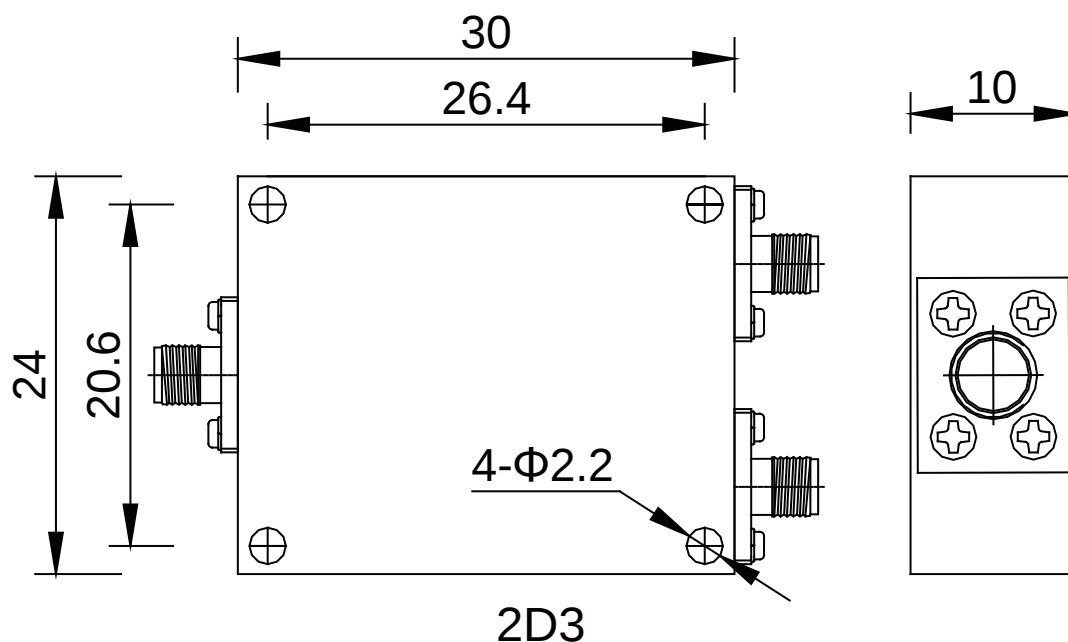
ENVIRONMENTAL RATINGS:

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	30*24*10	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):



TEST DATA:

S/N	Frequency range(MHz)	Isolation (dB.min)	VSWR(max)		Insertion Loss(dB. max)	Amplitude Balance (dB.max)	Phase Balance (max)
			Input	Output			
1105378A	6-18	17.0	1.45	1.50	0.80	0.3	5°
1105379A	6-18	17.5	1.50	1.43	0.85	0.3	3°
1105382A	6-18	17.4	1.52	1.50	0.90	0.4	3°

Connector:SMA-F

Temperature:-55~+85