

FEATURE:

- Solid State,Mixture Integrated
- High Sensitivity,Excellent Flatness
- Wideband,High Reliability
- Operating Temperature:-55~+85°C
- Field Removable SMA(F)

APPLICATION:

- Test Equipment
- Subsystems
- Prototypes



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	8		12	GHz
Tss		-45		dBm
Sensitivity-K		500		mV/mW
Flatness			1.8	dB
VSWR		1.8:1		Ratio

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		

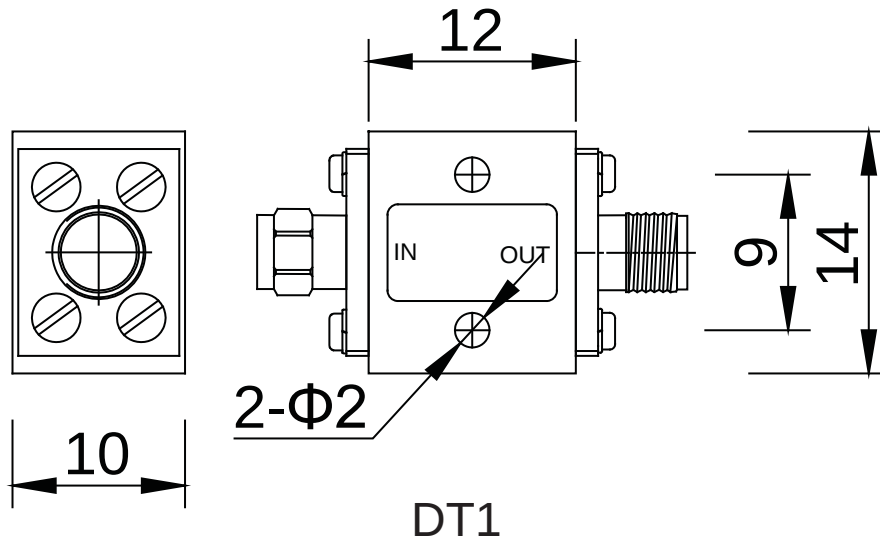
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	12*14*10	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-male		
RF Connectors output	SMA-Female		
Impedance	50		ohms

Note 1: Negative output polarity standard.Add"P"to end of model number for Positive output polarity

Note 2: TSS based on 2 MHz video bandwidth and 2 dB amplifier NF.

OUTLINE DRAWING(mm):



TEST DATA:

Frequency 8-12(GHz)	
VSWR	Delicacy (mv/mw)
1.53	≥500

Low-High temperature (-40~+70 ℃):

Temperature (℃)	Frequency range (GHz)	Delicacy (mv/mw)
-40	10	726
+70	10	572