

# MATS002G18 Series

## Precision Fixed Attenuator

MEGSINE 梅讯

### Applications

1. Matching
2. Instrumentation
3. Test Set-ups
4. Small Cell & Pico



### Features

1. Precision Attenuation
2. Stainless steel 2.92 male and female connectors
3. Excellent high-power capacity up to average 2 watts
4. RoHS compliance (Pb-Free)

### Description

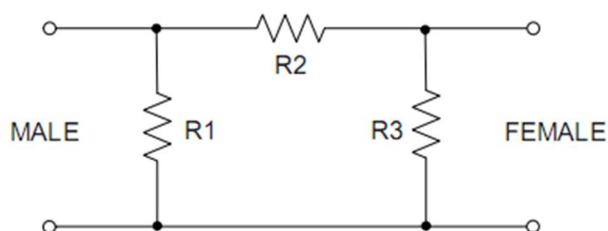
The MATS002G40 Series is a high precision attenuation with excellent high-power capacity up to average 2 watts. It is constructed from ceramic composites and filled PTFE stainless which possess excellent electrical and mechanical stability. All components are 100% RF tested.

### Characteristics 1)

Item	Min.	Type.@25°C	Max.	Unit
Frequency Range	DC		18000	MHz
Accuracy (1~30dB)	-0.35		+0.35	dB
VSWR (:1)			1.35	:1
Operating Temp.	-55		+125	°C
Power			2	W

1) All the above data are based on specified demo board and tested in 25° environment.

### Electrical Schematic

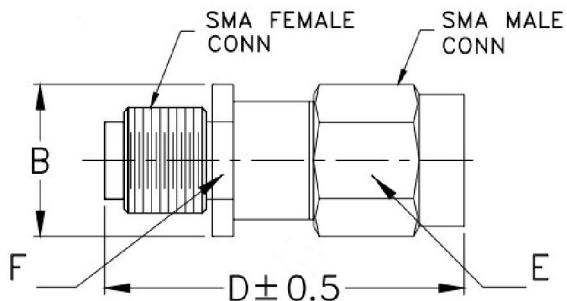


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Outline Drawing



B	D	E
9.15	21.59	7.92

Unit: mm

Revison	Description	Date
Rev0	Preliminary	2022/5/29