



## Technical Data Sheet

### SMSF FIXED ATTENUATOR

10db Fixed Attenuator SMA Male to SMA Female Connector

LHM-2.92-CA530-E

#### Key Features

- Frequency Range from DC to 40GHz
- Nominal Attenuator 10db
- Attenuation 10 (-0.6/+1.0 dB)

#### Compliance Certification

- Temperature Range : -55 deg C ~ 125 deg C

#### Environmental Specifications

- RoHs Compliant

#### Electrical Specifications

Parameter	Specification
Impedance	50 ohms
Input Power, CW derated linearly to 0.5W at +125°C	2 watts

Parameter	Specification
VSWR	≤ 1.25:1
Input Power, Peak 5µs pulse, 0.05% duty cycle	250 watts

#### Mechanical Specifications

Parameter	Specification
Total Length	39.6 mm
Total Weight	12 g
Heat Sink Diameter	15.8 mm
Heat Sink Material	Aluminum Alloy
Hex Size	5/16 inch
Torque	0.9 N
Design	Bidirectional

Parameter	Specification
Body Material & Plating	Passivated Stainless Steel
Connector Type	SMA Male to SMA Female
Heat Sink Material	Aluminum Alloy Black
Connector Specification	MIL-STD-348
Contact Material & Plating	Male : Brass Gold Plating 1.27 µm Female : Beryllium Bronze Gold Plating 1.27 µm

