



## $50\Omega$ Right Angle PCB Mount, SMA Connector, jack

# RoHS Compliant

### **FEATURES**

- 50Ω Impedance
- SMA Connector



Stock No.: 8411827C083

#### **Product Description**

SMA (Sub Miniature version A) female coaxial connector lets you quickly connect a wire to your printed circuit board (PCB).

#### **General Specifications**

Attribute	Value
Coaxial Connector Type	SMA Connector
Gender	Female
Mounting Type	PCB Mount
Impedance	50Ω
Termination Method	Solder
Body Orientation	Right Angle
Bulkhead	No
Operating Frequency	18GHz
Body Plating	Gold
Polarity	Normal
Contact Material	Beryllium Copper
Contact Plating	Gold
Mating Type	Threaded



#### **Product Drawing**

 $\begin{array}{lll} \underline{1 \; Electrical} \\ 1. \; 1 \; Impedence & 50 \; \Omega \\ 1. \; 2 \; Frequency & DC-6GHz \end{array}$ 

1.2 Dielectric withstanding voltage 1000V(volts RMS)

1.3 Center contact resistance $\leq 3M \Omega$ 1.4 Outer contact resistance $\leq 2M \Omega$ 1.5 Insulation resistance: $\geq 5000M \Omega$ 1.6 VSWR:1.20: 1

2 Environmental&Mechanical

2. 1 Temperature range −45°C~125°C

2.2 RoHs Compliant

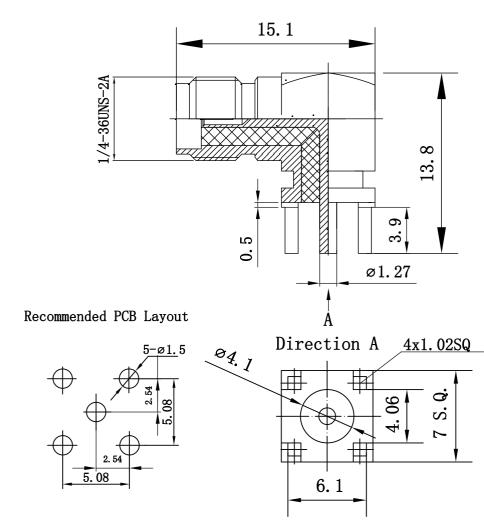
2.3 Durability >500 cycles

3 Materials&plating

3. 1 Body: Brass, Gold plated

3.2 Insulator: Teflon

3,3 Contact Pin: Beryllium Copper Gold plated



Dimensions: Millimeters (Inches)

#### **Part Number Table**

Part Number	Description	
8411827C083	411827C083 50Ω Right Angle PCB Mount, SMA Connector, jack	

Important Notice: This data sheet and its contents (the "Information") belong to the members of the EASE group of companies (the "Group") or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate, but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. EASE is the registered trademark of Ease Electronics Co., Limited 2019.