

SA0R1S0G

RP SMA Female Short Connector, PCB Side Mount

V2.12

Electrical Characteristics

- Impedance: 50 Ohm
- Insulation resistance: $\geq 5000M$ Ohm
- Dielectric Withstanding Voltage: 800V RMS /50Hz
- Center Contact Resistance.: ≤ 5 mohm
- Outer Contact Resistance: ≤ 3 mohm
- Working Temperature: $-55^{\circ}C \sim +155^{\circ}C$



Material and Plating

Parts Name	Material	Plating
Body	HPb59-1	Au
Insulator	PTFE	-
Center conductor	HPb59-1	Au

DIMENSIONS

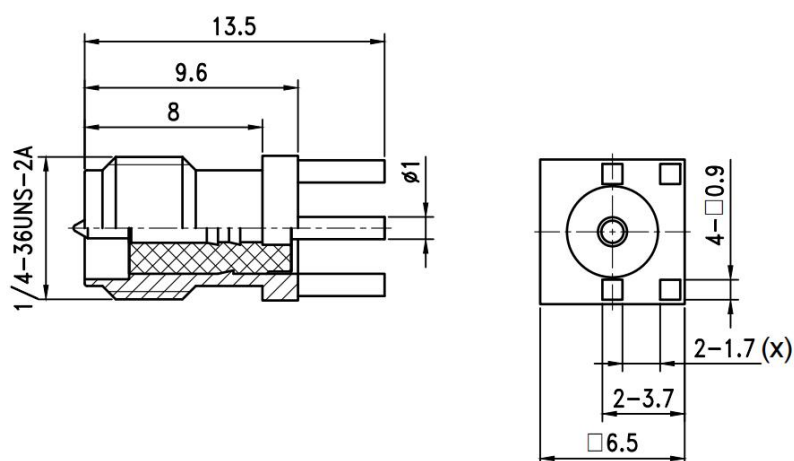


Figure 1: SA0R1S0G-1.7DA

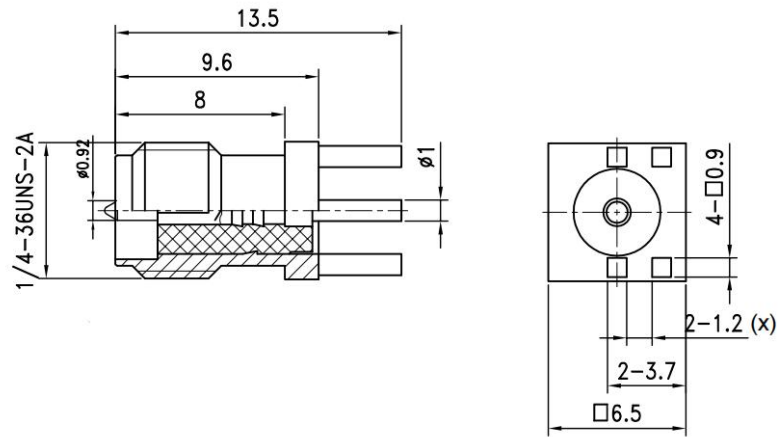


Figure 2: SA0R1S0G-1.2DA

Connector Type	Other Name	Center	Threads	Photo
SMA Male	SMA Plug	Pin	Inside	
RP SMA Male	RP SMA Plug	Receptacle	Inside	
SMA Female	SMA Jack	Receptacle	Outside	
RP SMA Female	RP SMA Jack	Pin	Outside	

Table 1: SMA Connector Type

NOMENCLATURE

SA0R1S0G — x D A 30

① ② ③ ④ ⑤

Num	Symbol	Explanation
①	Connector Type	RP SMA female short connector, PCB side mount
②	Pin Spacing	1.7---1.7mm, 1.2---1.2mm
③	Internal Code	Factory production code
④	Variant	A, B ,C, D - differences in dimensions
⑤	Plating Level	30, 18, 00; larger number means longer plating time

Table 2: Explanation of Nomenclature

ORDER INFORMATION

Part Number	Description
SA0R1S0G-1.7DA30	RP SMA female short straight connector,1.7mm pin spacing, PCB side mount, Plating level: 30
SA0R1S0G-1.2DA30	RP SMA female short straight connector,1.2mm pin spacing, PCB side mount, Plating level: 30

Table 3: Order Information

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