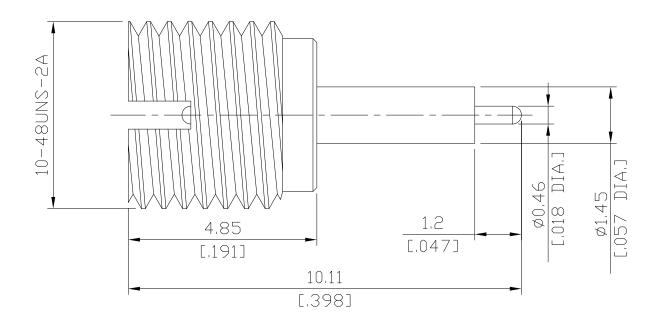


Technical Data Sheet

SMP Plug (male) Bulkhead Mount Connector Solder Attachment Straight Stub Terminal, DC-26.5 GHz VSWR 1.29

SMP1FA50-FD1011A / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} 26.5 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.29 \ \mbox{\geq 1.79 \ \mbox{dB}$} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{\times} \ \mbox{\sqrt{F} (GHz)$ dB} \\ \end{array}$

Material And Plating

Material	Plating
Beryllium Copper	Gold plating, 3 µinch
	(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Stainless Steel	Passivated
PTFE	
Stainless Steel	Passivated
Stainless Steel	Passivated
	Beryllium Copper Stainless Steel PTFE Stainless Steel

MIL-STD-348B/326

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology Co., Ltd.	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	O
In the effort to improve our products, we reserve the right to make changes $% \left\{ 1,2,,n\right\}$	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
judged to be necessary.	JUL/16/2021	N-CAGE Code: SFKKO / ISO9001 Certified	1/2



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SMP Plug (male) Bulkhead Mount Connector Solder Attachment Straight Stub Terminal, DC-26.5 GHz VSWR 1.29

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Mechanical Data

Coupling mechanisms
Mating Cycles

Center contact captivation: axial

Engagement force
Disengagement force

Environmental Data

Temperature Range Thermal shock Vibration

Moisture Resistance

RoHS

Shock

Packing

Snap-lock

Full Detent ≥ 100

≥7N

Full detent: ≤ 68 N

Full detent: ≥ 22 N

-65°C to +165°C

MIL-STD-202, Meth. 107, Cond. B MIL-STD-202, Meth. 204, Cond. B MIL-STD-202, Meth. 213, Cond. A MIL-STD-202, Method 106

compliant

Single or 100