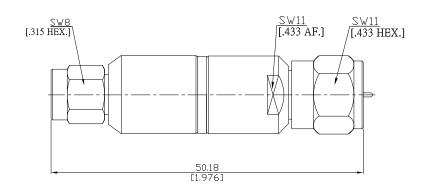


Technical Data Sheet

Impedance Matching Pads plug/plug SMA 50 plug (male) / F 75 plug (male)

MP-A15F17A-2G/H44-H44



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to MIL-C-39012; MIL-STD-348A/310

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & \mbox{SMA 50 } \mbox{Ω / $F75 } \mbox{$\Omega$} \\ \mbox{Frequency} & \mbox{DC to 2 GHz} \\ \mbox{VSWR (Return loss)} & \leq 1.25 \\ \mbox{Insertion loss} & 5.7 \pm 0.5 \mbox{ dB} \\ \mbox{Input power} & 2 \mbox{W Avg.} \mbox{$@$ + 25 °C$} \\ \mbox{Peak power} & \leq 250 \mbox{W} \\ \end{array}$

Mechanical Data

Coupling mechanisms SMA (Screw-lock) ; F (Screw-lock) Weight N/A

Environmental Data

Temperature range -40°C to +85°C compliant

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (F)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
knowledge, but they are intended for general informational purposes only		www.rosnol.com ; info@rosnol.com	Ŭ
In the effort to improve our products, we reserve the right to make changes	Date:	Phone:+886-3-463-5095	1 /1
judged to be necessary.	2015/11/10	Fax:+886-3-463-5952	1/1