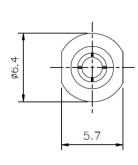
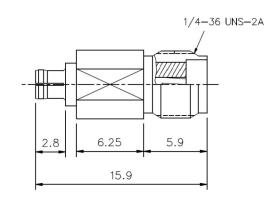


## Technical Data Sheet

# Adaptor plug/jack IPEX I plug (male) / SMA jack (female)

# AD-MHFI1A25A/99-91





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

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 6 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.3 \\ \mbox{Insertion Loss} & <0.25 \ \mbox{dB} \\ \mbox{working voltage} & 170 \mbox{Vrms Max} \\ \mbox{Dielectric withstanding Voltage} & 500 \mbox{Vrms} \\ \mbox{Durability} & 500 \mbox{Cycle} \\ \end{array}$ 

### Mechanical Data

Coupling mechanisms

Screw-lock

Weight

N/A

#### Environmental Data

Temperature range RoHS

-65°C to +155°C compliant

#### Material And Plating

Piece Parts (IPEX I)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Beryllium Copper	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFF	

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
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