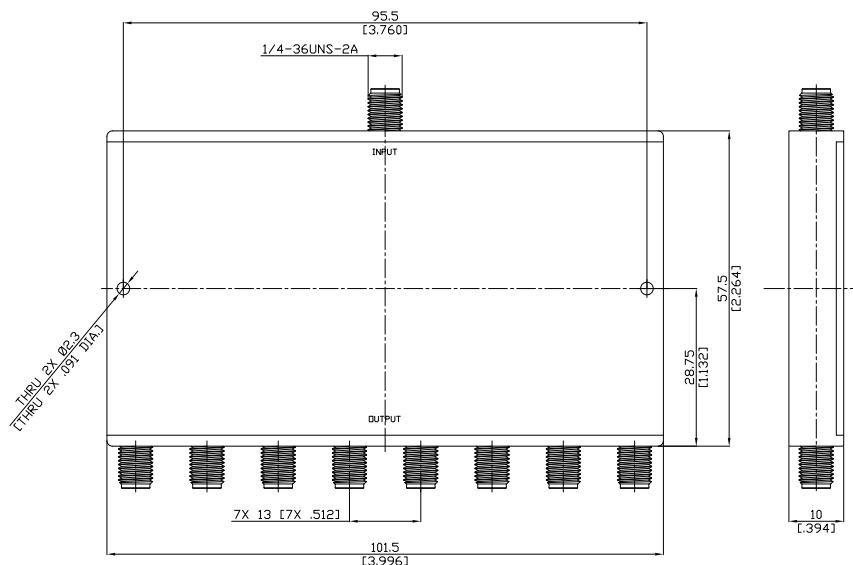


8 Way SMA Jack (Female) Power Divider From 6 to 18 GHz VSWR ≤ 1.8

PD8-A2-6-18G_A



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012 SMA; MIL-STD-348/310

Electrical Data

Impedance	50 Ω
Frequency	6 to 18 GHz
VSWR (Return Loss)	≤ 1.80 (≥ 10.88 dB)
Insertion Loss	≤ 2.5 dB
Isolation	≥ 15dB
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2 mΩ
Amplitude Balance	≤ ± 1.0dB
Phase Balance	≤ ± 10°
Power handling	30 Watts

Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +85°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:
Date:
NOV/25/2024

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