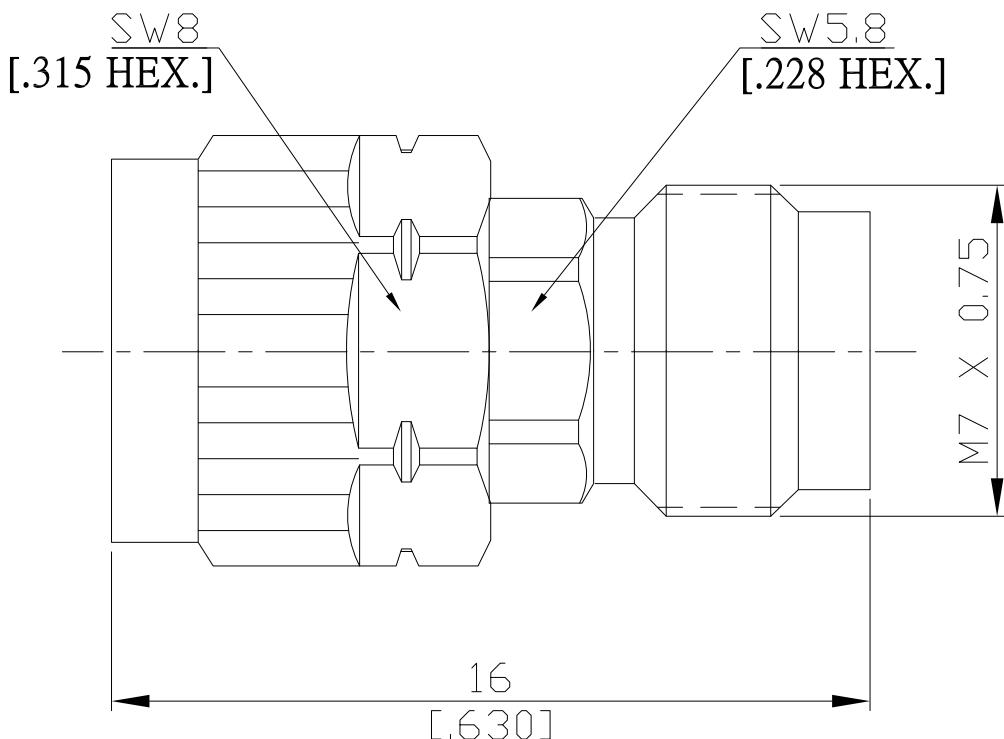



 2.4mm Inner DC-Block plug/jack
 DC-50GHz VSWR1.30

DB-Q1Q25A-50G50V / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Mechanically compatible with

1.85mm

According to

IEC 61169-40, IEEE Std 287-2007

Electrical Data

Impedance

50 Ω

Frequency

70 MHz to 50 GHz

VSWR (Return Loss)

≤ 1.30 (≥ 17.69 dB)

Insertion Loss

≤ 0.6 dB

Insulation Resistance

≥ 5 GΩ

Voltage Rating (Volts)

50 V rms

DC-block type

inner

Material And Plating

Piece Parts (2.4mm)

Material

Plating

Centre Contact

Beryllium Copper

 Gold plating, 3 µinch
 (Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Stainless Steel

Passivated

Insulator

PEI

Gasket

Silicone Rubber

Coupling Nut

Stainless Steel

Passivated

Piece Parts (2.4mm)

Material

Plating

Centre Contact

Beryllium Copper

 Gold plating, 3 µinch
 (Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Stainless Steel

Passivated

Insulator

PEI

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.:-

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10/7/2018

N-CAGE Code: SFKK0 / ISO9001 Certified

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2.4mm Inner DC-Block plug/jack
 DC-50GHz VSWR 1.30

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	N/A
Center Contact Captivation: axial	≥ 20 N
Weight	0.0038 kg
Coupling Test Torque	1.65 Nm max.
Recommended Torque	0.9 Nm

Environmental Data

Temperature Range	-60°C to +165°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture Resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100