

REV	DESCRIPTION	DATE	ECO	APPR
A	Register drawing	19.10.11		<i>Patrick, Cho</i>

Reference standard IEC 60169-4

1. Electric Performance

Impedance : 50 Ω

Frequency range : DC – 6GHz

V.S.W.R : 1.10max (0-3GHz)

1.20max (3-6GHz)

Insertion Loss : 0.05max (0-3GHz)

0.15max (3-6GHz)

PIM : -168dBc max (2x43dBm 698MHz-3000MHz)

Insulation resistance : 10,000MΩ

Proof voltage : 4,000V min

Conductor resistance : Outer conductor 0.2mΩ max

Inner conductor 0.8mΩ max

2. Mechanical Performance

Retention : 5.88N min

Mechanical wear (hypo-) : 500

Whorl pull : 1000N

3. Material and Plating

Component	Material	Plating
Outer conductor	Brass	Copper-Tin-Zinc 5μm
Inner conductor	Beryllium copper	Ag 5 μm
Insulation	PTFE	
Nut	Brass	Copper-Tin-Zinc 5μm

4. Environment

Temp. range : -55°C ~ +155°C

Thermal shock : US MIL-STD 202. Meth.107, Cond B

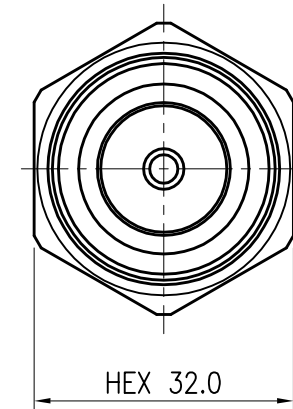
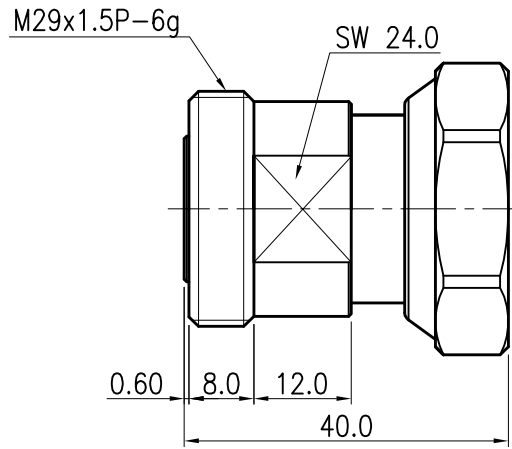
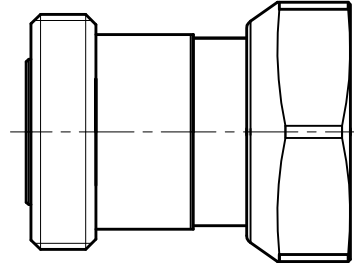
Vibration : US MIL-STD 202. Meth.204, Cond B

Shock : US MIL-STD 202. Meth.213, Cond I

RoHS compliant : Directive (EU) 2015/863

5. Packaging : Individually pack in Plastic Bag and Small White Box

Labels “xxx” on bag and small white box.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE :

1 PLACE DECIMAL ± 0.20 mm	2 PLACE DECIMAL ± 0.10 mm	ANGLES ± 1°	1.6 a		
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REMOVE BURRS. BREAK SHARP EDGES



MATERIAL SEE NOTE 3.	DRAWN <i>Sly_Chei</i>	DATE 2019.10.11	TITLE IN-SERIES ADAPTOR 7/16 FEMALE TO 7/16 MALE		SCALE N.S		SHEET 1 of 1	
FINISH SEE NOTE 3.	ENGINEER <i>JH_Park</i>	DATE 2019.10.11			DRAWING No. 7163301-323-131		REV. A	
REFERENCE	APPROVED <i>Patrick, Cho</i>	DATE 2019.10.11			DWG SIZE A4			
CAD FILE CAD:/CONNECTOR/7_16 DIN								