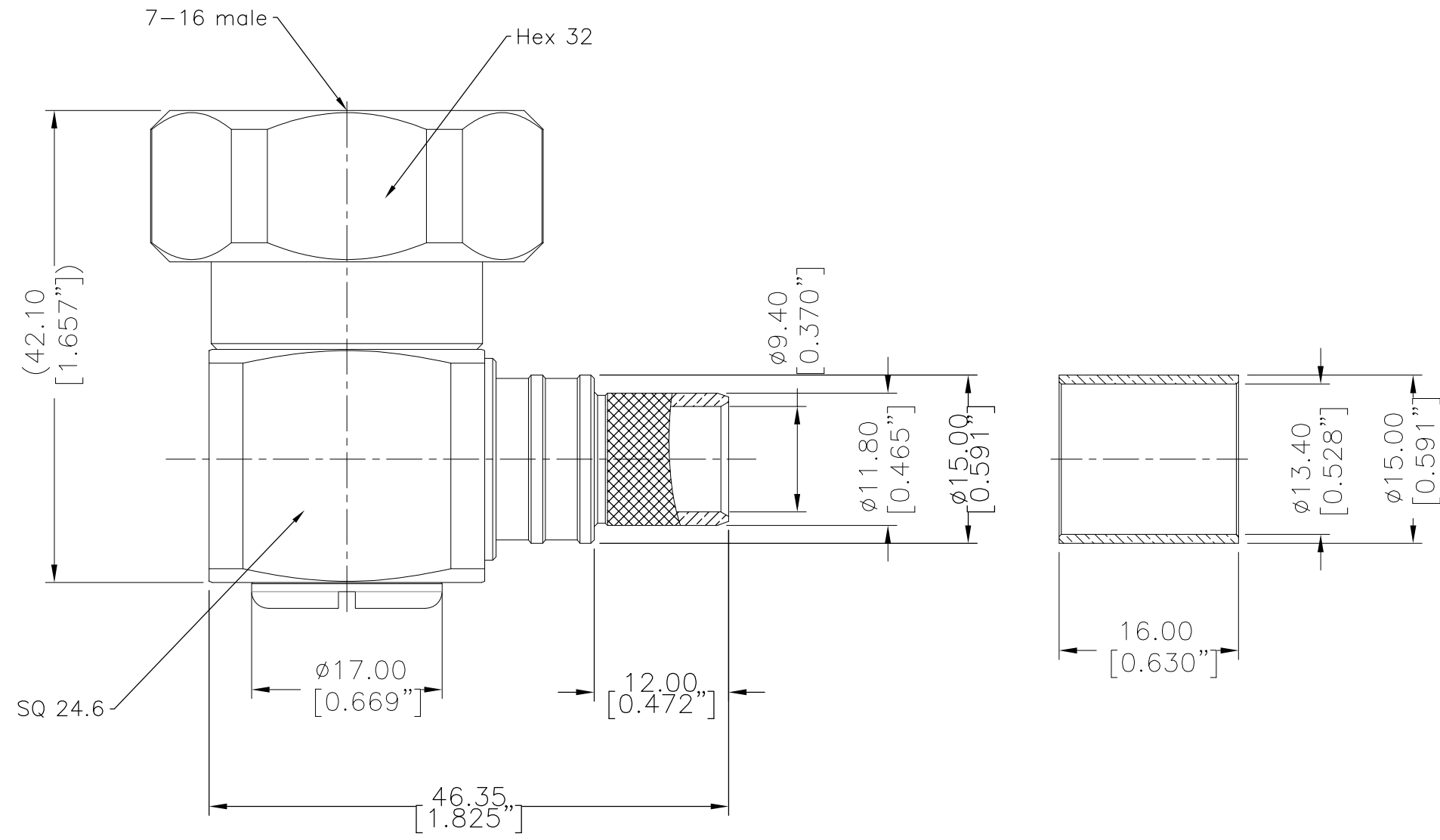


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	RELEASED FOR PRODUCTION	Joslen	2014/12/04	TZ	2014/12/04
B	Changed pin to bifurcate; Added cap hole;	Joslen	2018/04/17	TZ	2018/04/17



**I. MATERIALS & FINISHES**

Components	Materials	Finishes	Thk. (μ")
Body	Brass	Albaloy	100
Center Cont.	Brass	Silver	200
Ferrule	Brass	Albaloy	100
Nut	Brass	Albaloy	100
Insulator	PTFE	--	--
Gasket	Silicone	--	--

**II. ELECTRICAL PROPERTIES**

Impedance (Ω):	50
Frequency Range (GHz):	DC to 3 GHz
Dielectric withstanding voltage (V):	2500
Insulation Resistance (MΩ):	≥10000
VSWR:	≤1.25
Insertion Loss(dB, f/GHz):	-0.1x √f

**III. ENVIRONMENT PROPERTIES**

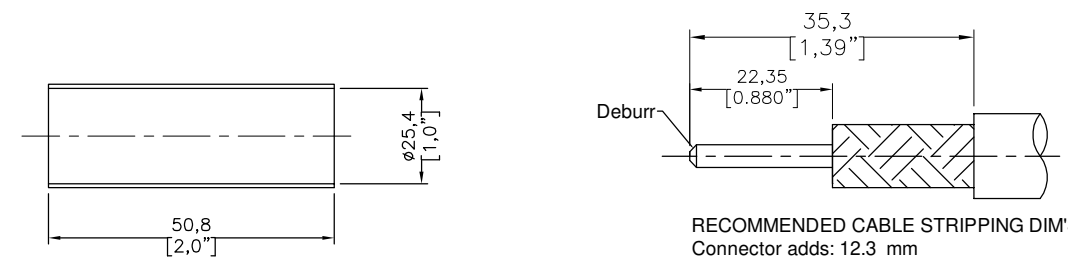
Temperature Range:	-40°C~+125°C
Thermal Shock:	MIL-STD 202G, Meth.107, Cond.B
Vibration:	MIL-STD 202G, Meth.204, Cond.B
Shock:	MIL-STD 202G, Meth.213, Cond I
Climatic Class:	IEC 60068 55/155/56
(2002/95/EC)RoHS:	Compliant

**IV. MECHANICAL PROPERTIES**

Center Cont.:	Solder
Outer Cont.:	Crimp
Coupling Nut Torque (N.m):	25
Cbl-Connector Retention Force (N):	500
Durability (cycles):	500


**V. TOOLING**

Stripping Tool: N/A  
Crimping Tool: 3192-169/CT-500



Shrink Tube (1,0"x2,0" 3:1)

Compatible with Standard: IEC 61169-4

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM:	Joslen	 <b>TC-500-716M-RA-D</b> 7/16 Male (Plug) Right Angle Solder Pin Connector for LMR-500 Cable
USED ON: O	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° D MAX. FILLET R. TOLERANCES ON DECIMALS .X ±0.3 .XX ±0.15 ANGLES ±2° FRACTIONS ± N/A	DATE	2018/04/17	
SCALE: N/A DWG SIZE A4	DO NOT SCALE DRAWING	CHKD	KG	
		DATE	2014/12/04	
		APPD	TZ	
		DATE	2018/04/17	1 OF 1 <b>3190-6079</b> REV B