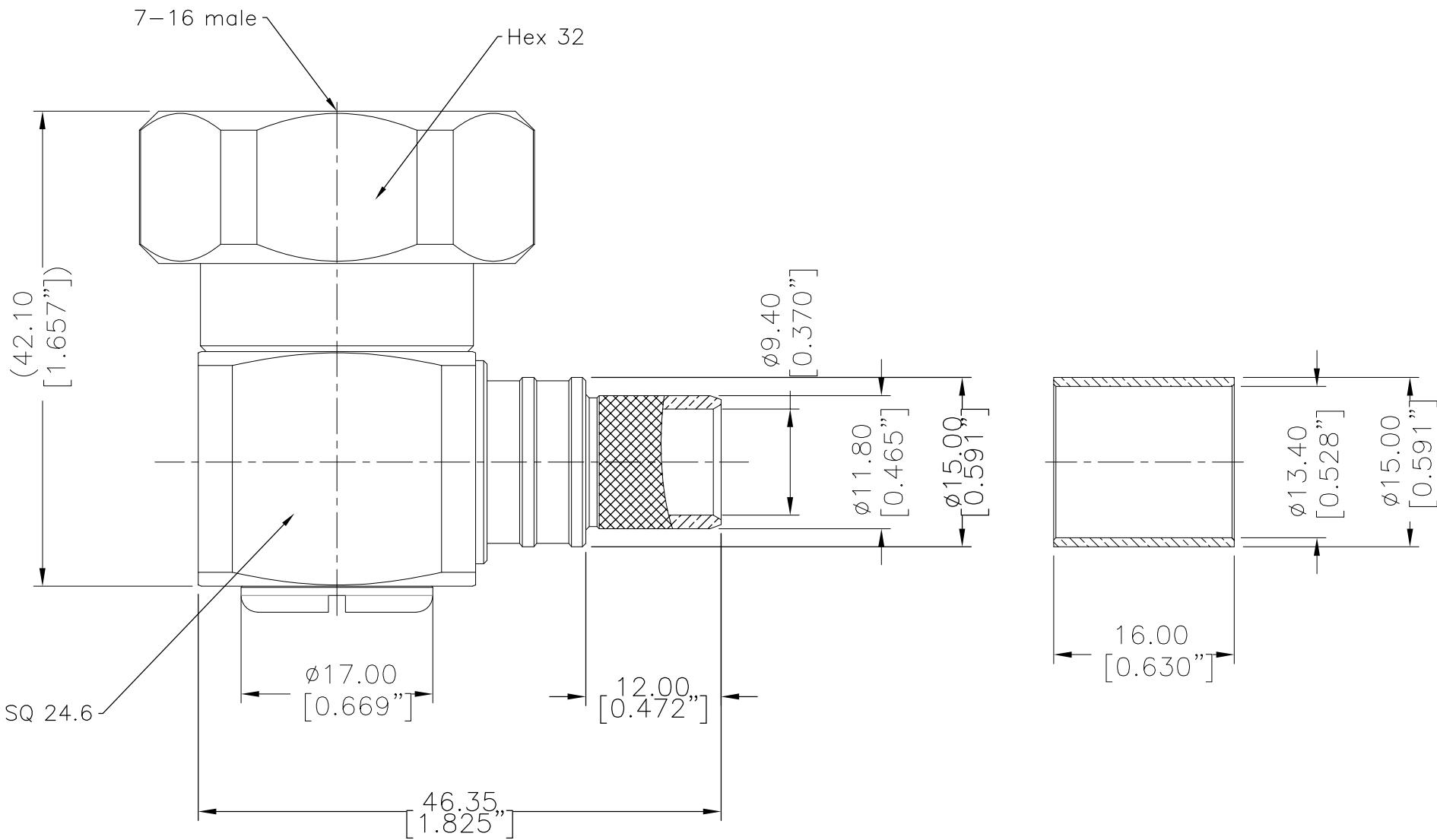


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	RELEASED FOR PRODUCTION	Joslen	2014/12/04	TZ	2014/12/04
B	Changed pin to bifurcate; Added cap hole;	Joslen	2018/04/17	TZ	2018/04/17



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	--	--
Gaskt	Silicone	--	--

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

V. TOOLING

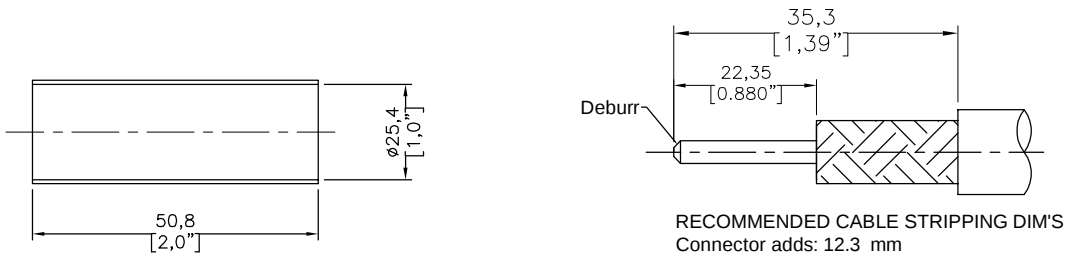
Stripping Tool: N/A
Crimping Tool: 3192-169/CT-500

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

IV. MECHANICAL PROPERTIES

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



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

Compatible with Standard: IEC 61169-4

MATL:		UNLESS OTHERWISE SPECIFIED			DFTM. Joslen		TIMES MICROWAVE SYSTEMS An Amphenol Company TC-500-716M-RA-D 7/16 Male (Plug) Right Angle Solder Pin Connector for LMR-500 Cable				
		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						
					CHKD KG						
					DATE 2014/12/04						
USED ON: O					APPD TZ						
SCALE: N/A	DWG SIZE A4	DO NOT SCALE DRAWING		CODE IDENT	68999	DATE 2018/04/17		SHT 1 OF 1	3190-6079	REV	B

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