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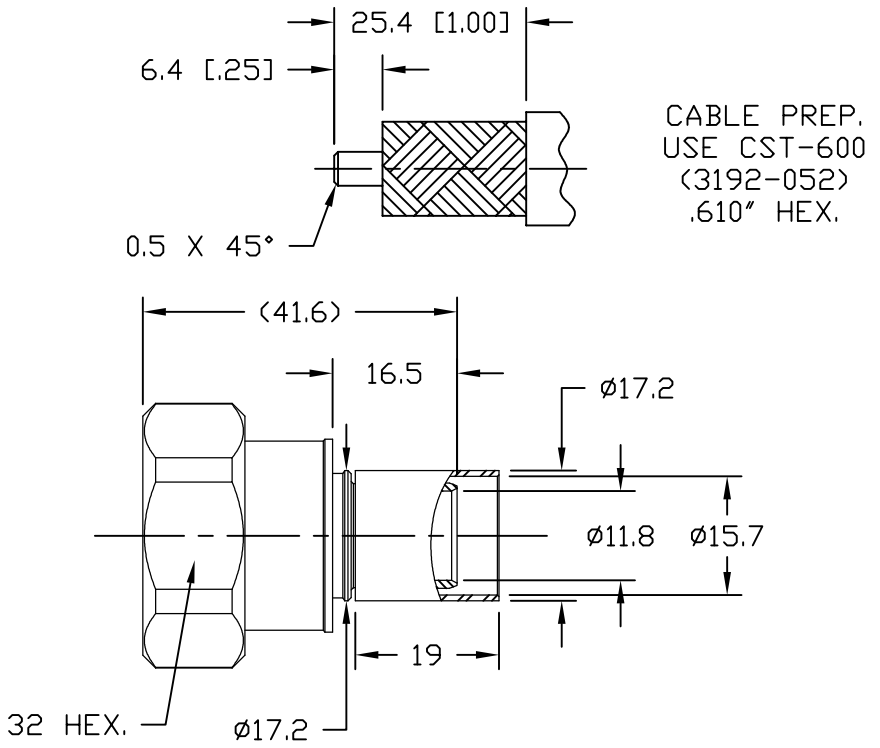
SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/23/11	J.D.B.	6/9/11
B	CHANGED PER CDC #37302	D.J.H.	3/22/13	J.D.B.	3/25/13



Reference Standard IEC60169-4

I. Electric Performance

Nominal Impedance(Ω):	50
Frequency Range:	DC-3GHz
VSWR:	≤1.15
Insert Loss(dB):	≤ 0.05
Insulation resistance(MΩ)	≥10000
Proof Voltage(V)	2500
Conductor resistance(mΩ)	outer conductor <0.2
	inner conductor <0.8

II. Mechanical Performance

Nut Torque	25N.m
(Nut)Whorl pull	1000N
Tensile force(cable-connect)	500N
Torsion(cable-connect)	5N.m

III. Material and plating

Component	Material	Plating
Inner conductor	Spring Copper	Ag 5μm
Outer conductor	Brass	Copper-tin-zinc 2μm
Tube	Copper	Copper-tin-zinc 2μm
Nut	Brass	Nickel 5μm
Gasket	Silicone Rubber	
Insulator	PTFE	

IV. Environment

Temp. range	-55℃~+155℃
Weather standard	IEC 60068 55 / 155/ 56
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
Waterproofing standard	IP68
ROHS Compliant	

V. Assembly: inner conductor installed and outer conductor crimped

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS
	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS .XX ± N/A .XXX ± N/A ANGLES ± 1° FRACTIONS ± N/A	DATE 5/23/11 CHKD. J. D. B. DATE 6/9/11 APPD. J. D. B.	**EZ-600-716M-X** 7-16 MALE FOR LMR-600 CABLE EZ/CRIMP/NO BRAID TRIM
USED ON: O-O			
SCALE: N/A DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999 / DATE 6/9/11	SHT. 1 of 1 / SD3190-2643 / REV. B

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