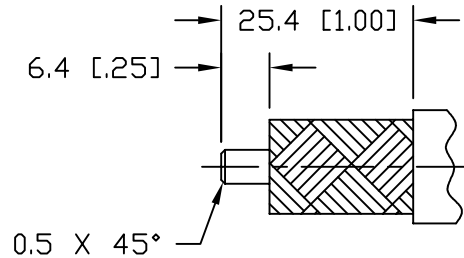
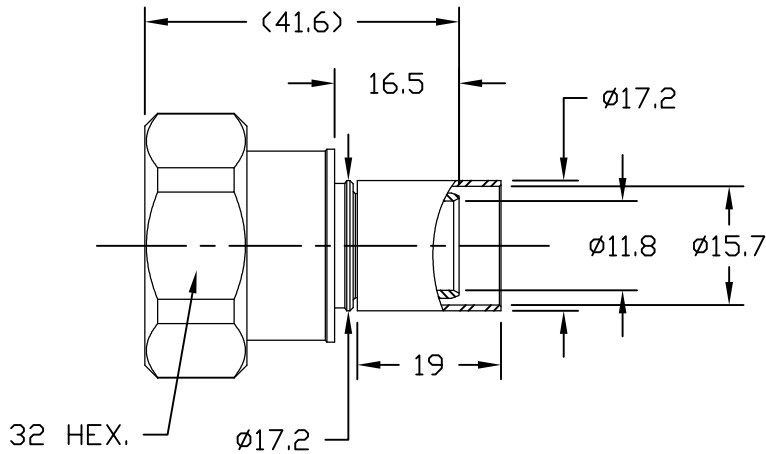


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/23/11	J.D.B.	6/9/11
B	CHANGED PER CDC #37302	D.J.H.	3/22/13	J.D.B.	3/25/13



CABLE PREP.
USE CST-600
(3192-052)
.610" HEX.



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(M Ω)	≥ 10000
Proof Voltage(V)	2500
Conductor resistance(m Ω)	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 5 μ m
Outer conductor	Brass	Copper-tin-zinc 2 μ m
Tube	Copper	Copper-tin-zinc 2 μ m
Nut	Brass	Nickel 5 μ m
Gasket	Silicone Rubber	
Insulator	PTFE	

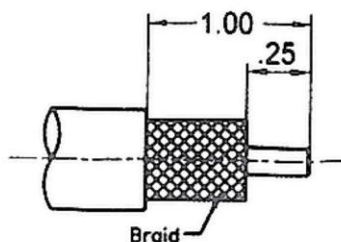
IV. Environment

Temp. range	-55 $^{\circ}$ C~+155 $^{\circ}$ C
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	

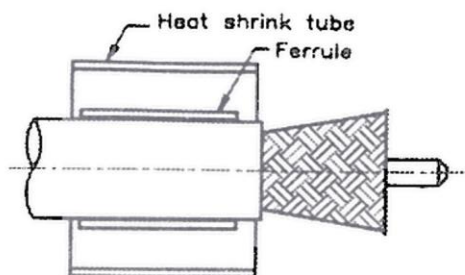
V. Assembly: inner conductor installed and outer conductor crimped

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 \pm N/A .XXX \pm N/A ANGLES \pm 1 $^{\circ}$ FRACTIONS \pm N/A	DATE 5/23/11	
USED ON: 0-0	DO NOT SCALE DRAWING	CHKD. J. D. B.	EZ-600-716M-X 7-16 MALE FOR LMR-600 CABLE EZ/CRIMP/NO BRAID TRIM
		DATE 6/9/11	
SCALE: N/A	DWG. SIZE A	APPD. J. D. B.	SHEET 1 of 1 SD3190-2643 REV B
		DATE 6/9/11	

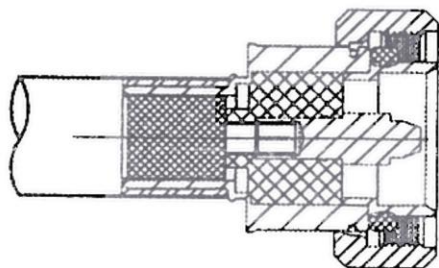
Installation Instruction



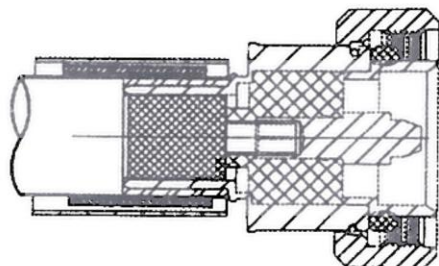
1. A. Trim cable to dimensions shown. Be careful to avoid nicking the braid
B. Remove any residual plastic from center conductor
C. Deburr center conductor using a fine file or Times DBT-U tools
D. Avoid nicking aluminum tape or center conductor



2. A. Slide crimp ferrule and heat shrink tube over the cable
B. Flare the braid



3. A. Insert Cable into connector body until dielectric is seated and center conductor is inserted fully into connector center pin.



4. A. Slide crimp ferrule over braid and crimp as close to body as possible using .429" HEX crimp tooling. Pay attention to the crimp area, do not crimp rear of crimp sleeve
B. Heat shrink tube over rear of connector body and down on to cable jacket using hot air gun