

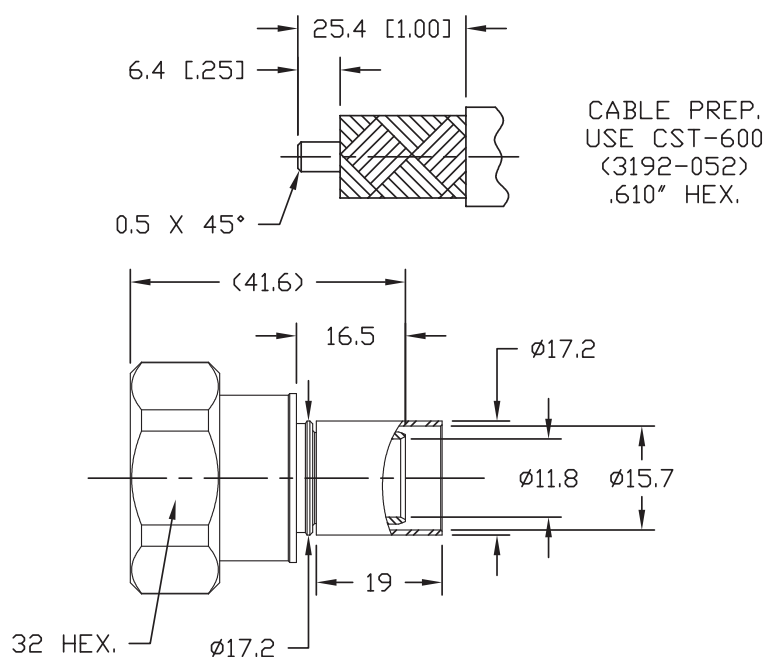
Technical Data Sheet

7/16 male crimp/EZ for LMR600

Item no. 7398EZ-600-716M-X

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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(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°C~+155°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	DATE: 5/23/11	
	MACHINED SURFACES FINISH N/A RMS MAX.	CHKD: J. D. B.	
	REMOVE ALL BURRS N/A MAX. BREAK	DATE: 6/9/11	EZ-600-716M-X
USED ON: 0-0	MACHINE CORNERS N/A MAX. FILLET R.	APPD: J. D. B.	7-16 MALE FOR LMR-600 CABLE
	TOLERANCES ON DECIMALS		EZ/CRIMP/NO BRAID TRIM
	.XX $\pm$ N/A .XXX $\pm$ N/A		
	ANGLES $\pm 1^\circ$ FRACTIONS $\pm$ N/A		
SCALE: N/A	DWG. SIZE: A	DO NOT SCALE DRAWING	CODE IDENT: 68999
		DATE: 6/9/11	DATE: 6/9/11
			1 of 1
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			B