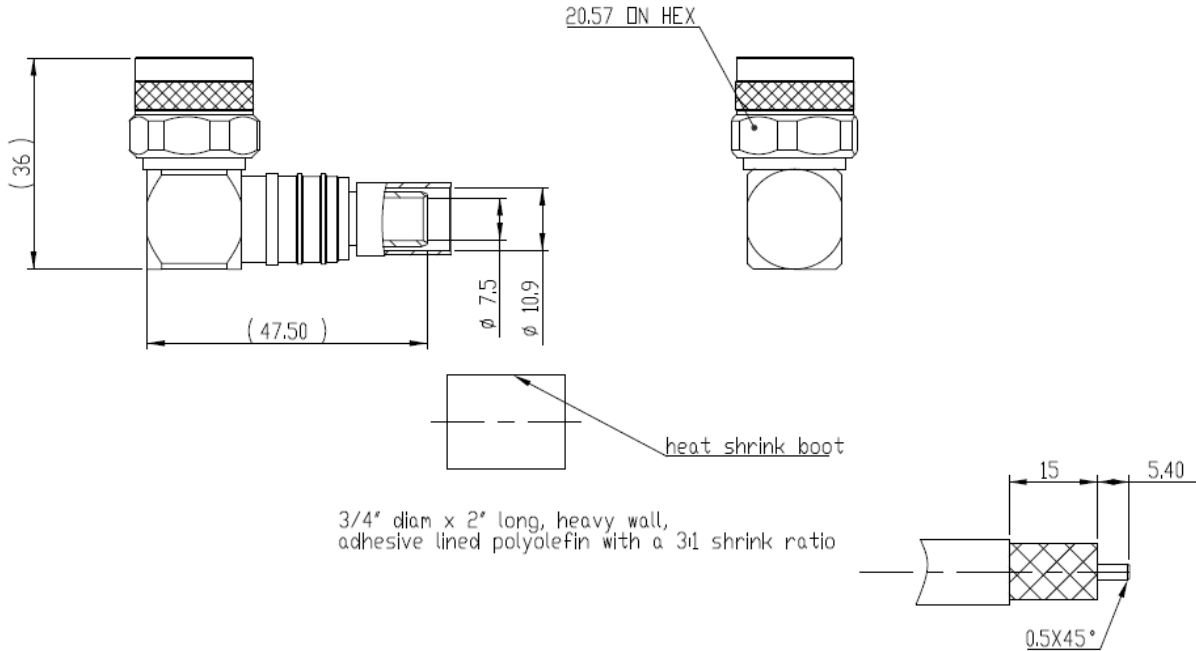


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/19/11	J.D.B.	6/9/11
B	CHANGED PER CDC #40843	N.N.N.	9/25/14	J.D.B.	9/30/14



Reference standard IEC60169-16

I. Electric Performance  
 Nominal Impedance( $\Omega$ ): 50  
 Frequency Range: DC-6GHz  
 VSWR:  $\leq 1.35$   
 Insert Loss:  $\leq 0.10$  (0-3G)  
 Insulation resistance (M $\Omega$ ): >5000  
 Proof voltage (V): 2500  
 Conductor resistance (m $\Omega$ ):  
 outer conductor <0.4  
 inner conductor <0.8

II. Mechanical Performance  
 Whorl pull: 500N  
 Nut torque: 5N.m  
 Tensile Force(cable-connect): 400N  
 Torsion(cable-connect): 3N.m

III. Material and plating:

Component	Material	Plating
Inner conductor	Beryllium copper	Au>1.27 $\mu$ m
outer conductor	Brass	Copper-tin-zinc>2 $\mu$ m
Insulator	PTFE	
nut	Brass	Copper-tin-zinc>2 $\mu$ m

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
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: 5/19/11	
USED ON:			CHKD: J. D. B.	CONNECTOR, 90° NM FOR LMR-400 (EZ-400-NMH-RA-X)
			DATE: 6/9/11	
SCALE: ~	DWG. SIZE: A	DO NOT SCALE DRAWING	APPD: J. D. B.	1 of 1
			DATE: 6/9/11	
			CODE IDENT: 68999	REV: B

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