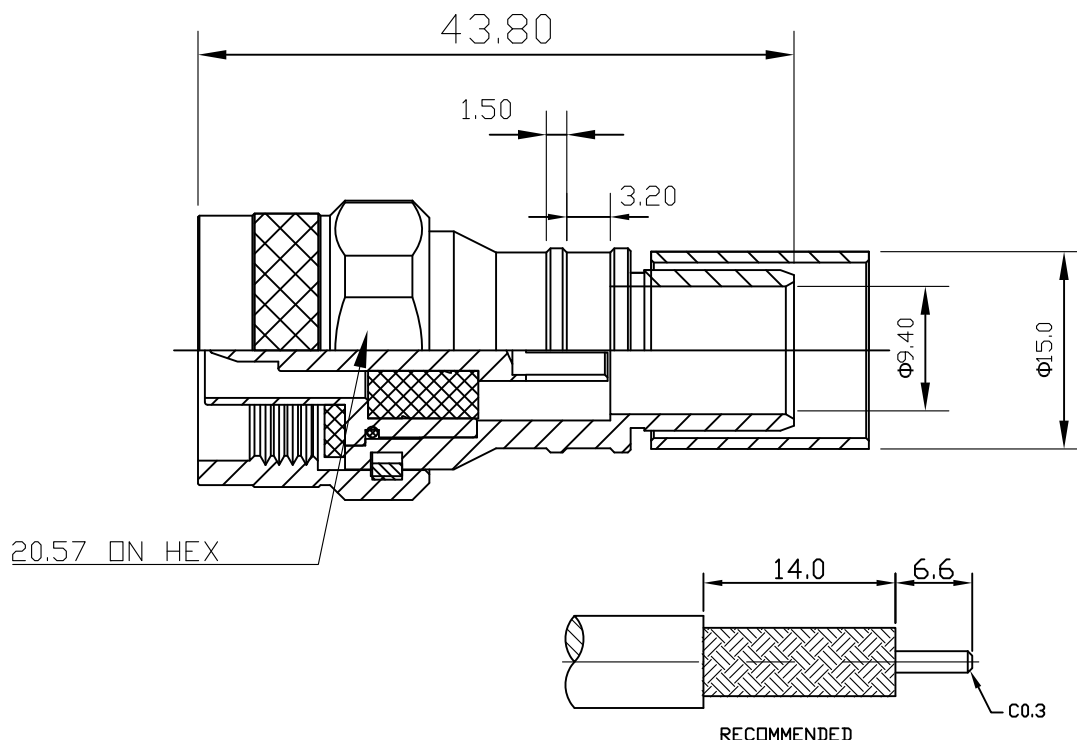


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	10/13/10	J.D.B.	10/18/10
B	CHANGED PER CDC #37110	N.N.N	2/21/13	J.D.B	2/21/13



MATERIALS AND PLATING		
BODY, SHELL	BRASS	copper-tin-zinc 2um
CONTACT PIN	Spring Copper	AU>0.3um
INSULATOR	TEFLON MIL-P-19468	
FERRULE	Brass	copper-tin-zinc 2um
GASKET	SILICONE	RED OR BLACK

(MECHANICAL CHARACTERISTICS)	
Force to engage and disengage	5 N MAX.
Center contact retention force	N/A
Coupling nut retention force	N/A
Durability	≥ 500 cycles
Cable retention force	300 N MAX.

NOTICE: ALL PARTS MUST MEET TO RoHS REQUIREMENTS

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	500V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	2500V
Contact resistance	Center contact: ≤0.8mΩ Outer contact: ≤0.4 Ω
Insulation resistance	≥5000MΩ
Insertion loss	According as the cable
RF-leakage	N/A
VSWR	≤1.35 (DC-6GHz)
3rd Intermodulation	---

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C - +155°C
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
Climatic class	IEC 60068 65/165/21

MATL:		UNLESS OTHERWISE SPECIFIED			DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS		
		ALL DIMENSIONS ARE IN mm			DATE 10/13/10			
		TOLERANCES: .X = ±0.2 .XX = ±0.1			CHKD. J. D. B.			
DATE 10/18/10								
USED ON:					APPD. J. D. B.	CONNECTOR, EZ-500-NMH-X "N" MALE FOR LMR500 CABLE		
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT	68999	DATE 10/18/10	SHEET 1 of 1	SD3190-2596	REV B