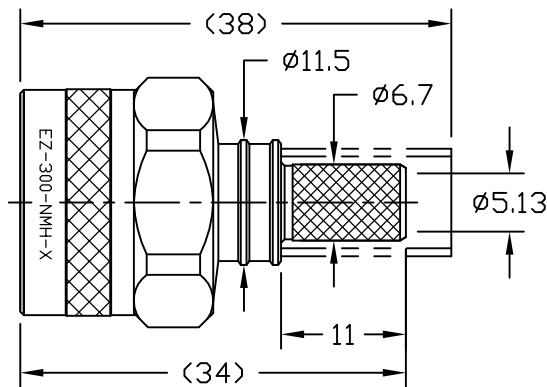
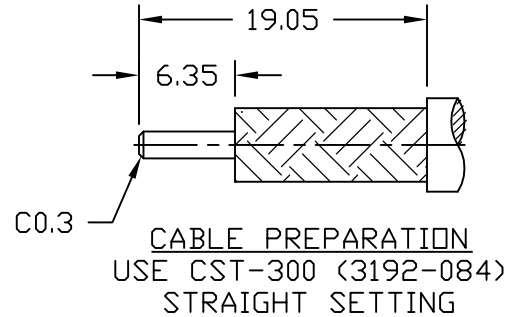
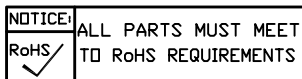


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	10/24/08	J. D. B.	10/24/08
B	CHANGED PER CDC #29443	D. J. H.	12/16/08	J. D. B.	12/18/08
C	CHANGED PER CDC #31608	K. A. M.	4/20/10	J. D. B.	4/23/10
D	CHANGED PER CDC #34190	D. J. H.	3/8/12	J. D. B.	3/12/12



NOTE:
CRIMP THE FERRULE TO .324" HEX.

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY, SHELL	BRASS PER C3604	ALBALOY PLATING 80μ "/COPPER
CONTACT PIN	Be-Cu PER C17300	GOLD 50 μ "/ COPPER
INSULATOR	TEFLON MIL-P-19468	
GASKET	SILICONE	
FERRULE	COPPER	ALBALOY PLATING 80μ "/COPPER

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	6 lbs MAX.
Center contact retention force	6 lbs MIN.
Coupling torque	30 in-lbs
Coupling nut retention force	100 lbs
Durability	≥ 500 cycles

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	500V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	1000V
Contact resistance	Center contact: ≤3mΩ Outer contact ≤2m Ω
Insulation resistance	≥5000MΩ
Insertion loss	According as the cable
RF- leakage	N/A
VSWR	1.2 (0-6GHz)

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. D. J. H.		TIMES MICROWAVE SYSTEMS			
				DATE 10/24/08					
USED ON: E-1		ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS .005 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS .XX ±.03 .XXX ±.005 ANGLES ±1° FRACTIONS ±1/32		CHKD. J. D. B.		EZ-300-NMH-X "N" PLUG FOR LMR-300 CABLE EZ/CRIMP/NO BRAID TRIM			
				DATE 10/24/08					
				APPD. J. D. B.					
				DATE 10/24/08					
SCALE: N/A		DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 10/24/08	SHEET 1 of 1	SD3190-2420		REV D