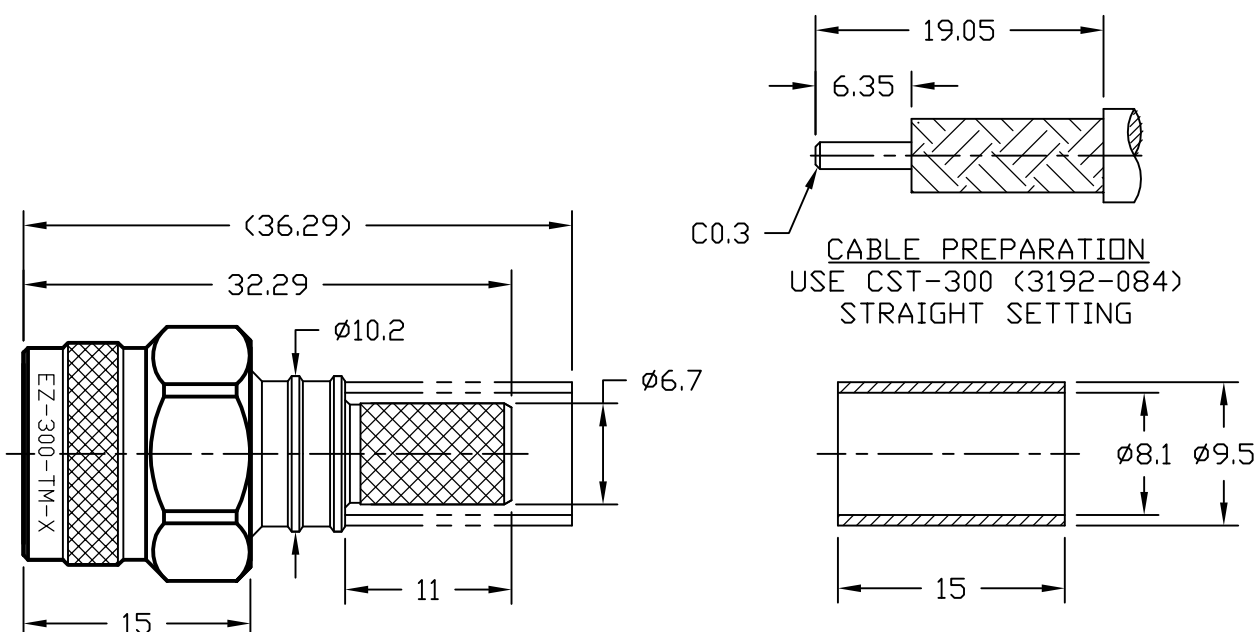


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	10/24/08	J. D. B.	10/24/08
B	CHANGED PER CDC #29443	D. J. H.	12/16/08	J. D. B.	12/18/08
C	CHANGED PER CDC #31608	K. A. M.	4/21/10	J. D. B.	4/23/10
D	CHANGED PER CDC #34190	D. J. H.	3/8/12	J. D. B.	3/12/12



NOTES:

1. CRIMP THE FERRULE TO .324" HEX.
2. CONTACT PIN IS CAPTIVATED.

ALL PARTS SATISFIED ROHS REQUIREMENTS

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

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	500V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	1000V
Contact resistance	Center contact: $\leq 1.5m\Omega$ Outer contact: $\leq 1m\Omega$
Insulation resistance	$\geq 5000M\Omega$
Insertion Loss	According to the cable

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	6 lbs MAX.
Center contact retention force	6 lbs MIN.
Coupling torque	20 in-lbs
Coupling nut retention force	100 lbs
Durability	≥ 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C~ +125°C
Vibration	MIL-STD-202,Method 204,Cond B
Shock	MIL-STD-202,Method 213,Cond G
Corrosion	MIL-STD-202,Method 101,Cond B

MATL:		UNLESS OTHERWISE SPECIFIED		DFTM. D. J. H.		TIMES MICROWAVE SYSTEMS							
		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		DATE 10/24/08									
CHKD. J. D. B.				DATE 10/24/08		EZ-300-TM-X "TNC" MALE FOR LMR-300 CABLE EZ-CRIMP/NO BRAID TRIM							
APPD. J. D. B.				DATE 10/24/08									
USED ON: 0-3													
SCALE: N/A		DWG. SIZE A	DO NOT SCALE DRAWING		CODE IDENT 68999	DATE 10/24/08	SHEET 1 of 1	SD3190-2421	REV D				