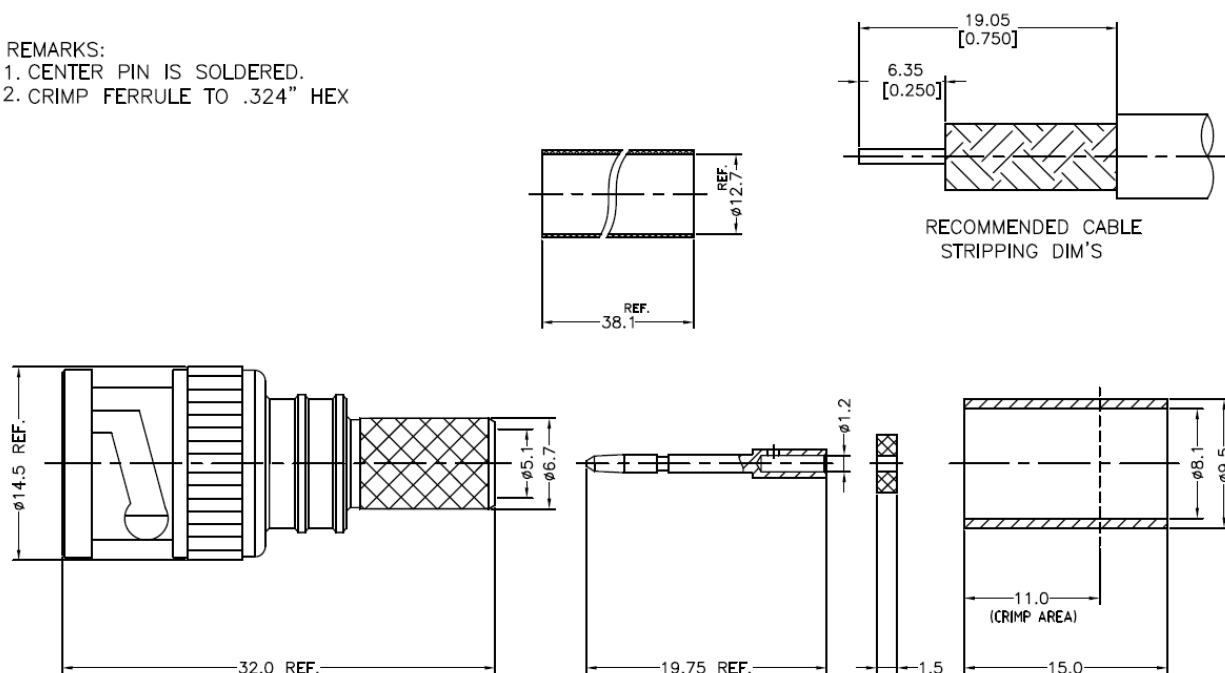


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	11/22/13	J. D. B.	11/22/13

**REMARKS:**

1. CENTER PIN IS SOLDERED.
2. CRIMP FERRULE TO .324" HEX



MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	BRASS C3604	ALBALOY 80u"/COPPER
CONTACT PIN	BRASS C3604	GOLD 50u"/NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	NATURAL
GASKET	SILICONE	RED
FERRULE	BRASS	ALBALOY 80u"/COPPER

ELECTRICAL CHARACTERISTICS	
Impedance	75 $\Omega$
Voltage rating	500V(rms)
Frequency range	0~2GHz
Dielectric withstanding voltage	1000V
Contact resistance	Center contact: $\leq 3m\Omega$ Outer contact: $\leq 2m\Omega$
Insulation resistance	$\geq 5000M\Omega$
Insertion loss	0.1 x $\sqrt{F}$ ghz
RF- leakage	N/A
VSWR	1.20 MAX.
3rd Intermodulation	N/A

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	N/A
Center contact retention force	N/A
Coupling torque	N/A
Bayonet coupling retention force	60 lbs Min.
Durability	$\geq 500$ 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. N. N. N		TIMES MICROWAVE SYSTEMS		
				DATE 11/22/13				
USED ON: ~		ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° MAX. FILLET R. TOLERANCES ON DECIMALS . X ± 0.3 . XX ± 0.2 ANGLES ± 1/2° FRACTIONS ± N/A		CHKD. J. D. B.		TC-300-BM-75-X 75 OHM BNCM for LMR-300-75 CABLE		
				DATE 11/22/13				
				APPD. J. D. B.				
SCALE: N/A	DWG. SIZE: A	DO NOT SCALE DRAWING	CODE IDENT: 68999	DATE 11/22/13		SHEET: 1 of 1	SD3190-2959	REV: A