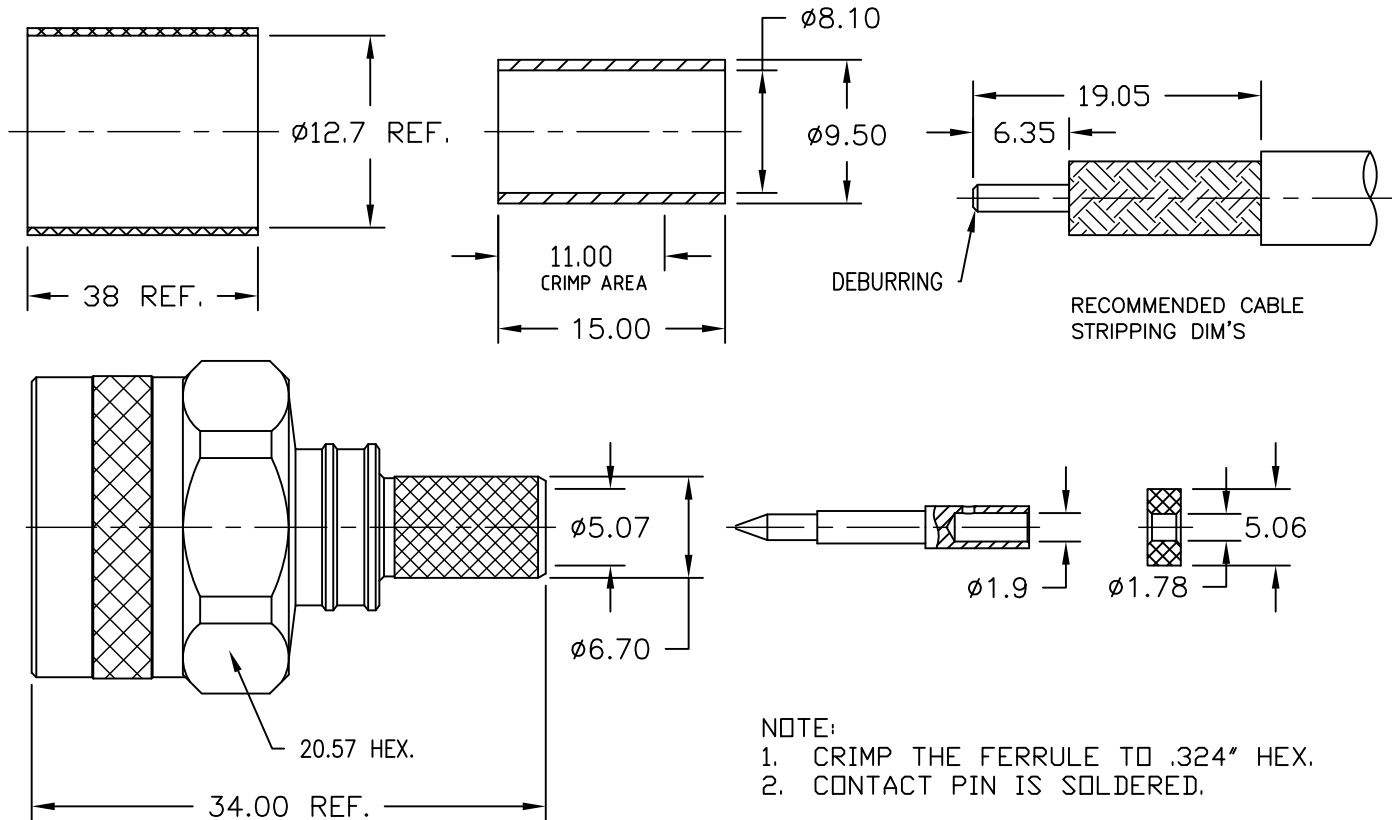


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	5/13/13	J.D.B.	5/15/13
B	CHANGED PER CDC #37744	N.N.N	5/28/13	J.D.B.	5/30/13



- NOTE:
 1. CRIMP THE FERRULE TO .324" HEX.
 2. CONTACT PIN IS SOLDERED.

ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS AND PLATING			UNIT: MICRO-INCHES			ELECTRICAL CHARACTERISTICS		
BODY/SHELL	BRASS C3604		ALBALOY 80 MIN/COPPER			Impedance		50 Ω
CONTACT PIN	BRASS C3604		GOLD 50 MIN/COPPER			Voltage rating		500V(rms)
INSULATOR	TEFLON MIL-P-19468		N/A			Frequency range		0~6GHz
FERRULE	BRASS		ALBALOY 80 MIN/COPPER			Dielectric withstanding voltage		1000V
SHRINK TUBING	PO		BLACK			Contact resistance	(Center contact) $\leq$ 2.5m Ω (Outer contact) $\leq$ 0.2m Ω	
						Insulation resistance		$\geq$ 5000M Ω
						Insertion loss		According to the cable
						RF- leakage		N/A
						VSWR		$\leq$ 1.35
						3rd Intermodulation		N/A
MECHANICAL CHARACTERISTICS						ENVIRONMENTAL CHARACTERISTICS		
Force to engage and disengage			N/A			Temperature range	-65°C- +165°C	
Center contact retention force			N/A			Thermal shock	US MIL- STD 202, Meth. 107, Cond. B	
Recommended coupling torque			6-10 in-lbs			Vibration	US MIL- STD 202, Meth. 204, Cond. B	
Coupling nut retention force			100 lbs			Shock	US MIL- STD 202, Meth. 213, Cond. I	
Durability			$\geq$ 500 cycles			Climatic class	IEC 60068 65/165/21	
						Waterproof	N/A	

MATL:		UNLESS OTHERWISE SPECIFIED		DFTM. N, N, N		TIMES MICROWAVE SYSTEMS									
		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 ± 2. 0° FRACTIONS ± N/A		DATE 5/13/13											
CHKD. J, D, B,				TC-300-NMH-X "N" MALE FOR LMR-300 CABLE SOLDER/CRIMP/NO BRAID TRIM											
DATE 5/15/13															
APPD. J, D, B,															
USED ON: ~						DATE 5/15/13									
SCALE: N/A		DWG. SIZE A		DO NOT SCALE DRAWING		CODE IDENT 68999		DATE 5/15/13		SHEET 1 of 1		SD3190-2861		REV B	