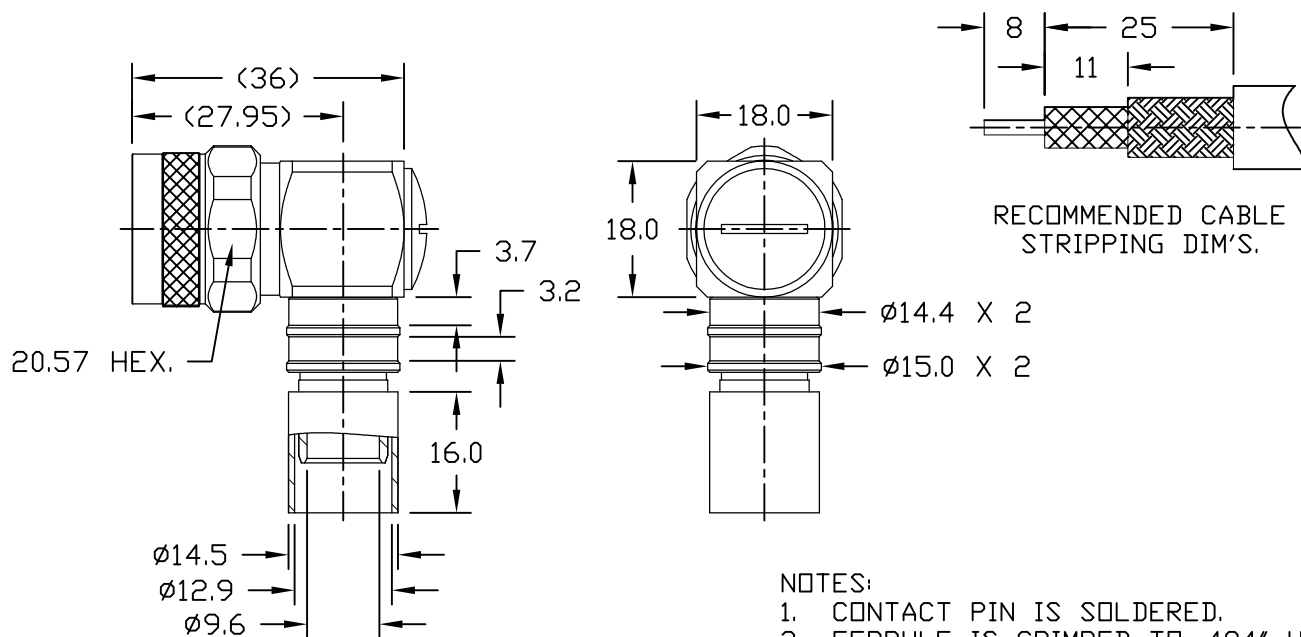


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	1/21/10	J.D.B.	3/5/10
B	CHANGED PER CDC #33840	K.A.M.	7/27/11	J.D.B.	8/4/11
C	CHANGED PER CDC #35831	D.J.H.	7/13/12	J.D.B.	7/16/12



- NOTES:  
 1. CONTACT PIN IS SOLDERED.  
 2. FERRULE IS CRIMPED TO .494" HEX.

ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY, SHELL	BRASS C3604	ALBALOY PL. 80µ * MIN.
CONTACT PIN	BRASS C3604	GOLD PL. 50µ */NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
FERRULE	COPPER	ALBALOY PL. 80µ * MIN.
GASKET	SILICONE	RED

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	500 V(rms)
Frequency range	0~6 GHz
Dielectric withstanding voltage	1500V
Contact resistance	Center contact ≤1.5 mΩ Outer contact ≤1 mΩ
Insulation resistance	≥5000MΩ
Insertion loss	According as the cable

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

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 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°                      FRACTIONS ± N/A			DATE 1/21/10				
USED ON: 0					CHKD. J. D. B.		TC-500-NMH-RA-D 90° N MALE FOR LMR500 CABLE		
					DATE 3/5/10				
					APPD. J. D. B.				
SCALE: N/A	DWG. SIZE: A	DO NOT SCALE DRAWING	CODE IDENT: 68999	DATE 3/5/10		SHEET: 1 of 1	SD3190-2513		REV: C

# Mouser Electronics

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