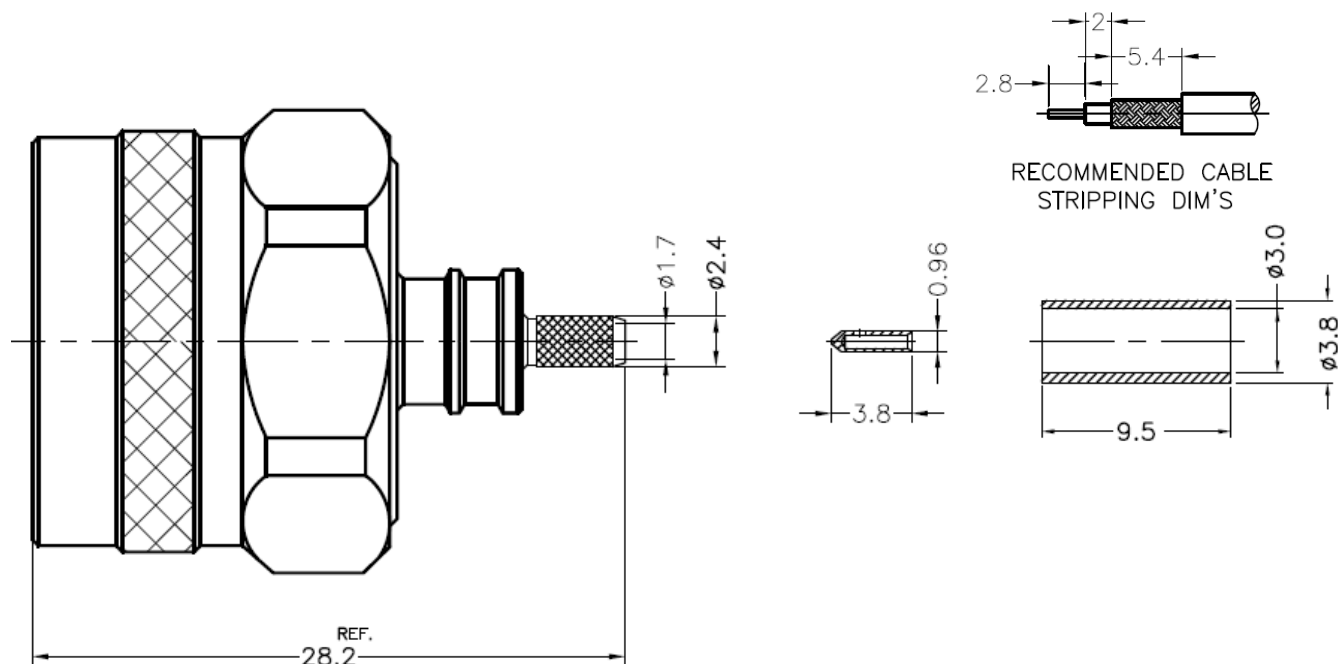


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	4/22/14	J. D. B.	4/23/14
B	CHANGED PER CDC #47089	D. J. H.	6/29/17	J. D. B.	7/6/17



NOTES:

1. CENTER PIN IS SOLDERED.
2. FERRULE IS CRIMPED TO .128" HEX.

ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY, SHELL	BRASS C3604	NICKEL/COPPER
CONTACT PIN	C54400	GOLD 15u"/COPPER
INSULATOR	TEFLON MIL-P-19468	NATURAL
FERRULE	COPPER	NICKEL/COPPER
GASKET	SILICONE	RED

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	6 lbs MAX.
Center contact retention force	6 lbs MIN.
Recommended coupling torque	6-10 in-lbs
Coupling nut retention force	≥ 100 lbs
Durability	≥ 500 cycles

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	335V(rms)
Frequency range	0~3GHz
Dielectric withstanding voltage	500V
Contact resistance	Center contact ≤ 15 mΩ Outer contact ≤ 1 mΩ
Insulation resistance	≥ 5000MΩ
Insertion loss	N/A
RF-leakage	N/A
VSWR	1.3 MAX.
3rd Intermodulation	--

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

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM. N. N. N	TIMES MICROWAVE SYSTEMS	
			DATE 4/22/14		
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 ± 0.25 ANGLES ± 0.5 FRACTIONS ± N/A		CHKD. J. D. B.	SC-100-NM N Male for LMR-100A	
			DATE 4/23/14		
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 4/23/14	SHIT 1 of 1 SD3190-3029 REV B

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