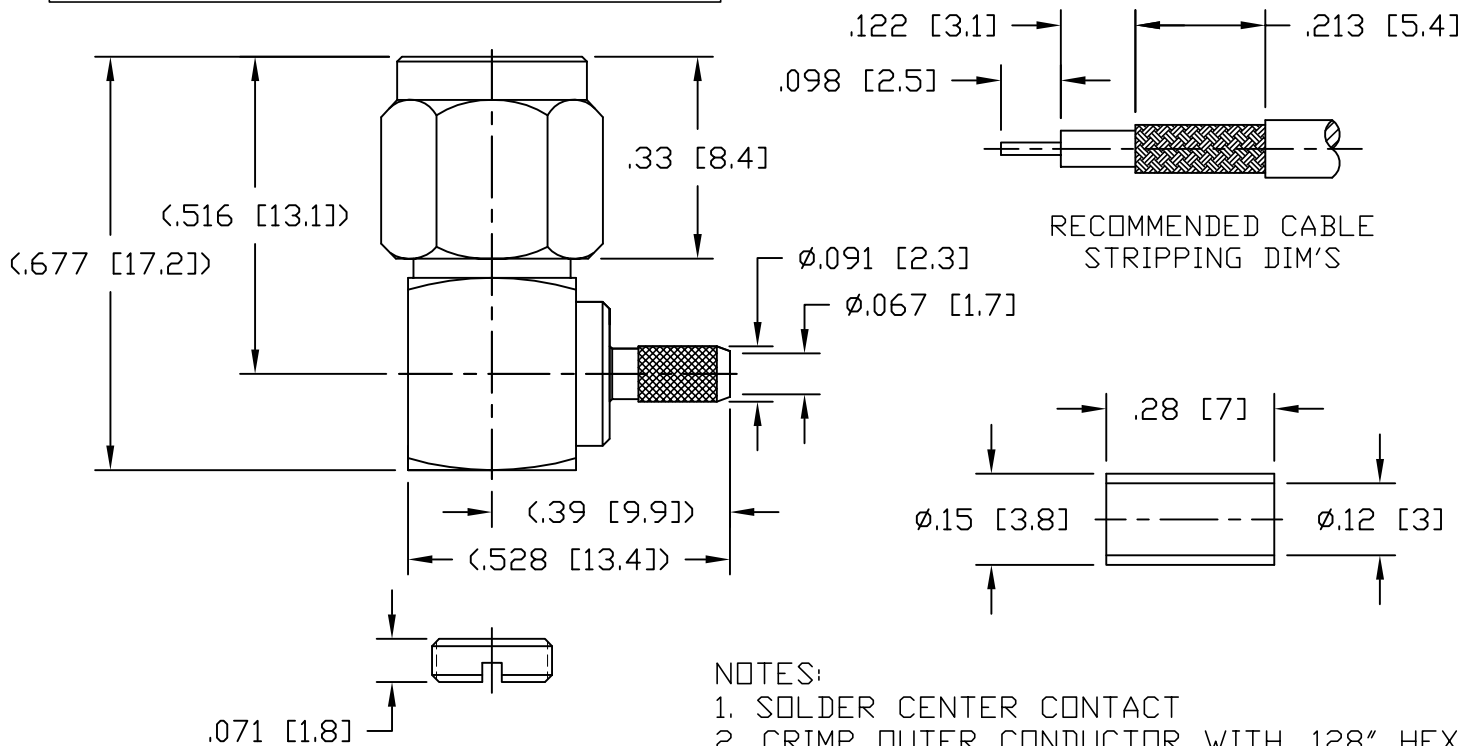


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J. C. L.	2/1/07	J. C. L.	2/1/07
A	CHANGED PER CDC #30403	D. J. H.	7/17/09	J. D. B.	7/17/09

ALL PARTS SATISFIED ROHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	BRASS C3604	NICKEL 200 μ" MIN. / COPPER
CONTACT PIN	C3604	GOLD 15 μ" MIN. / NICKEL
INSULATOR	TEFLON MIL-P-19468	N/A
GASKET	SILICONE	RED
LOCK RING	STAINLESS STEEL	

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	335V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	500V
Contact resistance	Center contact: ≤3mΩ Outer contact ≤2mΩ
Insulation resistance	≥5000MΩ
Insertion loss	According as the cable
RF-leakage	N/A
VSWR	ACCORDING TO CUSTOMER REQUIREMENT
3rd Intermodulation	N/A

MECHANICAL CHARACTERISTICS	
Force to Engage and Disengage	N/A
Center Contact Retention Force	N/A
Coupling Torque	15 in-lbs
Coupling Nut Retention Force	60 lbs MIN.
Durability	≥ 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C- +125°C

MATERIALS: UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH 32 RMS MAX. REMOVE ALL BURRS .005 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .005 ANGLES ± 3° FRACTIONS ± 1/32	DFTM. J. C. L.	TIMES MICROWAVE SYSTEMS <b>TC-100-SM-RA-(Ch)</b> 90° SMA PLUG FOR LMR-100 CABLE
	DATE 2/1/07	
	CHKD. J. C. L.	
	DATE 2/1/07	
USED ON: 0-1	APPD. J. C. L.	
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING
CODE IDENT 68999	DATE 2/1/07	1 of 1
		SD3190-2246
		REV A