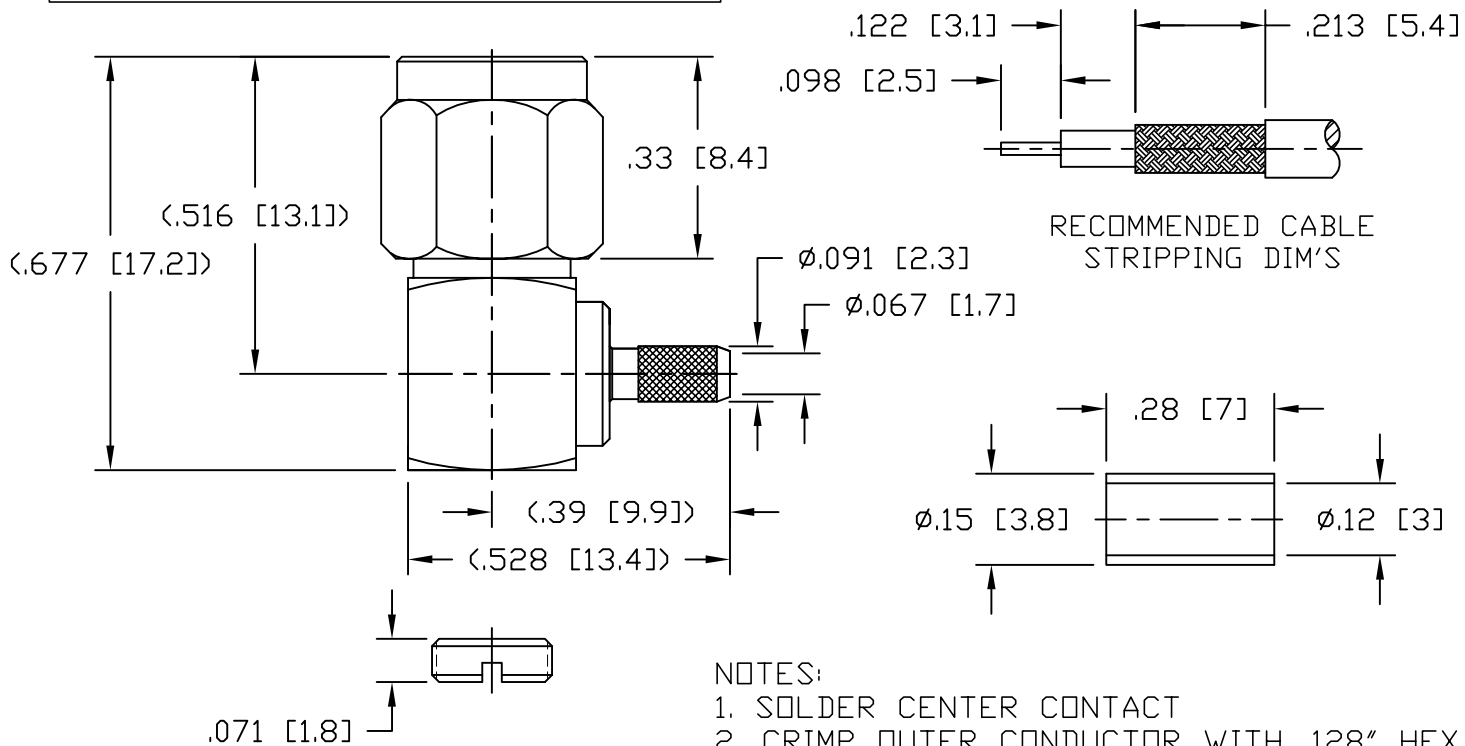


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J. C. L.	2/1/07	J. C. L.	2/1/07
A	CHANGED PER CDC #30403	D. J. H.	7/17/09	J. D. B.	7/17/09

ALL PARTS SATISFIED ROHS REQUIREMENTS



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

ELECTRICAL CHARACTERISTICS	
Impedance	50 $\Omega$
Voltage rating	335V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	500V
Contact resistance	Center contact: $\leq 3m\Omega$ Outer contact $\leq 2m\Omega$
Insulation resistance	$\geq 5000M\Omega$
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	$\geq 500$ cycles

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

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM.	J. C. L.	TIMES MICROWAVE SYSTEMS
		DATE	2/1/07	
		CHKD.	J. C. L.	
		DATE	2/1/07	
USED ON: 0-1	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 $\pm .03$ .XXX $\pm .005$ ANGLES $\pm 3^\circ$ FRACTIONS $\pm 1/32$	APPD.	J. C. L.	TC-100-SM-RA-(Ch) 90° SMA PLUG FOR LMR-100 CABLE
		DATE	2/1/07	
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 2/1/07
		SH	1 of 1	SD3190-2246
		REV	A	