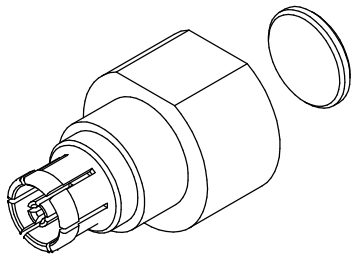
PART NUMBER	ITEM 1 BODY	ITEM 2 CONTACT	ITEM 3 INSULATOR	ITEM 4 END CAP
125-0692-101	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN

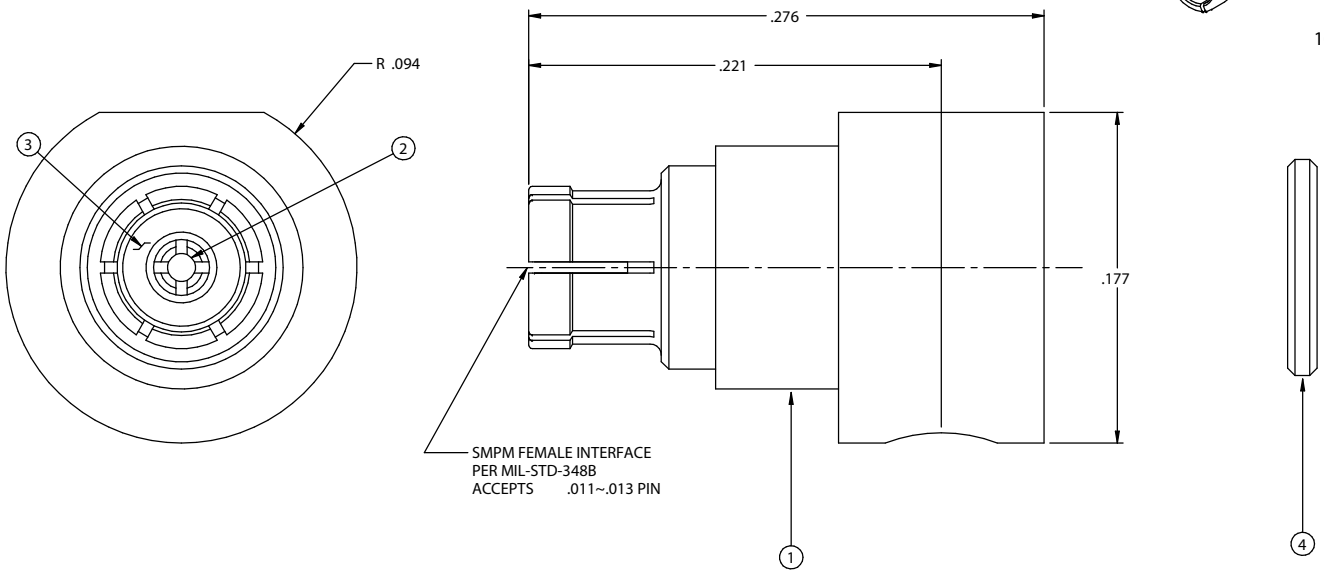
DRAWING NO.
125-0692-101

REVISIONS

1	RELEASE						
	7-28-2013	R S	R S	L M			ECO-13-0205



10:1



SPECIFICATION:

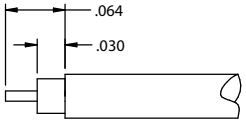
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40GHz
VSWR: 1.10 MAX TO 10GHz, 1.25 MAX TO 20GHz
INSERTION LOSS: 0.12 F dB MAX (F IN GHz)
DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MA X, AFTER ENVIRONMENTAL NOT APPLICABLE
OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
RF LEAKAGE: -80dB TYPICAL AT 3GHz

MECHANICAL:

ENGAGEMENT FORCE: FULL DETENT(FD) 4.5LBS TYPICAL; SMOOTH BORE(SB) 2.5LBS TYPICAL
DISENGAGEMENT FORCE: FD 6.5LBS TYPICAL; SB 1.5LB S TYPICAL
CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
DURABILITY: FD 100 CYCLES MIN; SB 500 CYCLES MIN

ENVIRONMENTAL:

OPERATING TEMPERATUR: -65 TO 165℃
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDIT ION I
CORROSION: MIL-STD-202, METHOD 101
VIBRATION: MIL-STD-202, METHOD 204
MOISTURE RESISTANCE: MIL-STD-202, MEHTOD 106, EXC EPT STEP 7B



CABLE STRIP DIMENSION
10:1

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1994

CUSTOMER COPY

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
		R.SHEN	1-27-2013
DECIMALS	INCH	CHECKED BY	DATE
X.X	±0.010	R.SHEN	1-27-2013
X.XX	±0.005	APPROVED BY	DATE
X.XXX	±0.003	L.MA	1-28--2013
ANGLES	±0.5	U/M INCH	

THIS DRAWING WAS PRODUCED BY COMPUTER, DO NOT SCALE DRAWING OR UPDATE MANUALLY.

cinch CONNECTIVITY SOLUTIONS a bel group — Connectivity Solutions

TITLE
SMPM FEMALE
RIGHT ANGLE CABLED
.047 SEMI-RIGID

SHEET	DRAWING NO.	SIZE
1 OF 1	125-0692-101	C

Please read our datasheets & drawing disclaimer here.