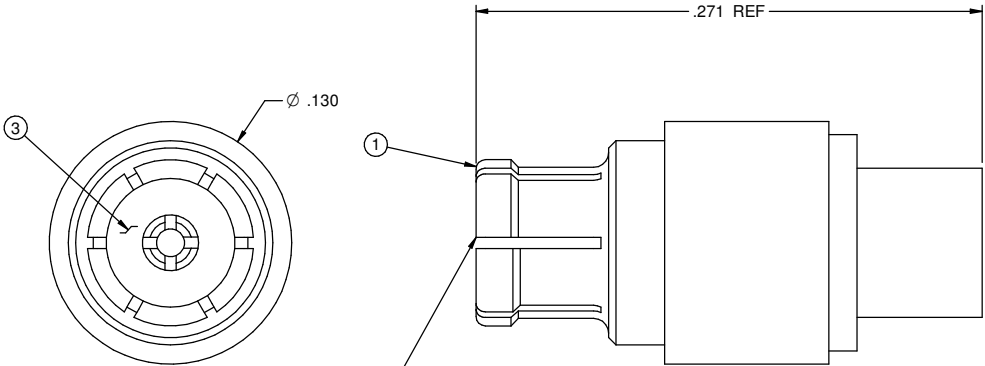
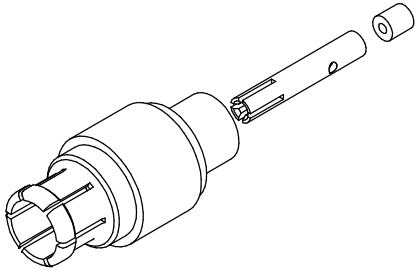


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ CABLE STOP
125-0692-001	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL.00005 MIN OVER COPPER PL.00005 MIN	TEFLON	TEFLON

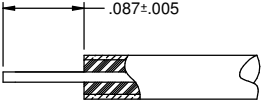
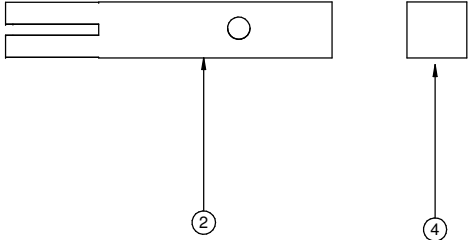
DRAWING NO. 125-0692-001				
REVISIONS				
1	RELEASE	R S	R S	L M
7-28-2013		ECO-13-0205		



SMPM FEMALE INTERFACE
PER MIL-STD-348B
ACCEPTS Ø.011~.013 PIN



10:1



CABLE STRIP DIMENSION

10:1

SPECIFICATION:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40GHz
VSWR: 1.15 MAX TO 26.5GHz, 1.30 MAX TO 40GHz
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 MAX, 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 1.5LBS TYPICAL
CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
DURABILITY: FD 100 CYCLES MIN; SB 500 CYCLES MIN

ENVIRONMENTAL:

OPERATING TEMPERATUR: -65 TO 165°C
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
CORROSION: MIL-STD-202, METHOD 101
VIBRATION: MIL-STD-202, METHOD 204
MOISTURE RESISTANCE: MIL-STD-202, MEHTOD 106, EXCEPT STEP 7B

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

CUSTOMER COPY

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

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

EMERSON Network Power		Connectivity Solutions	
TITLE SMPM FEMALE STRAIGHT CABLED .047 SEMI-RIGID			
SHEET 1 OF 1	DRAWING NO. 125-0692-001	SIZE C	