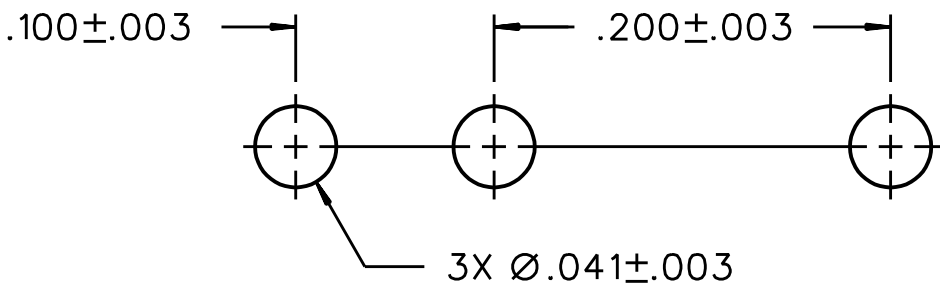
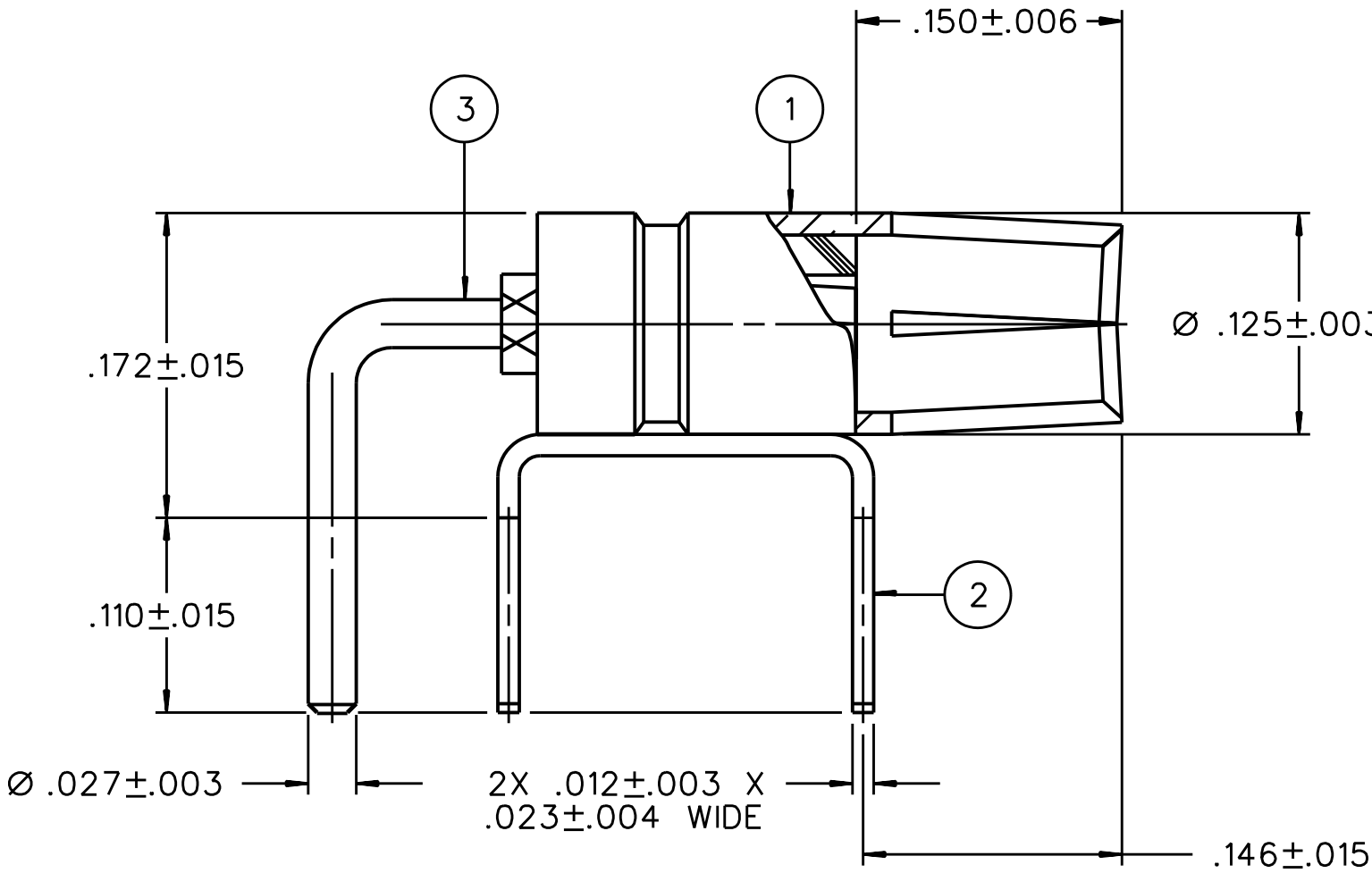
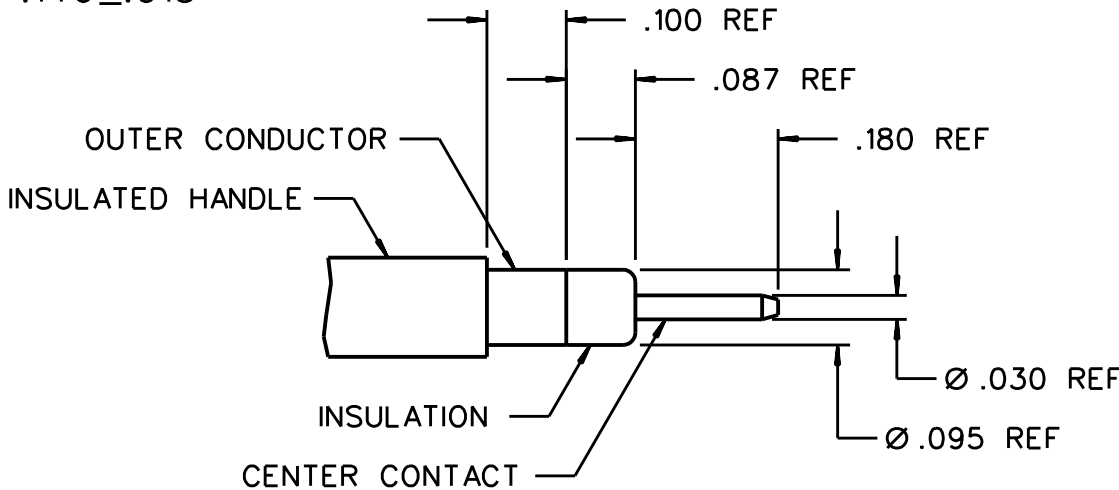


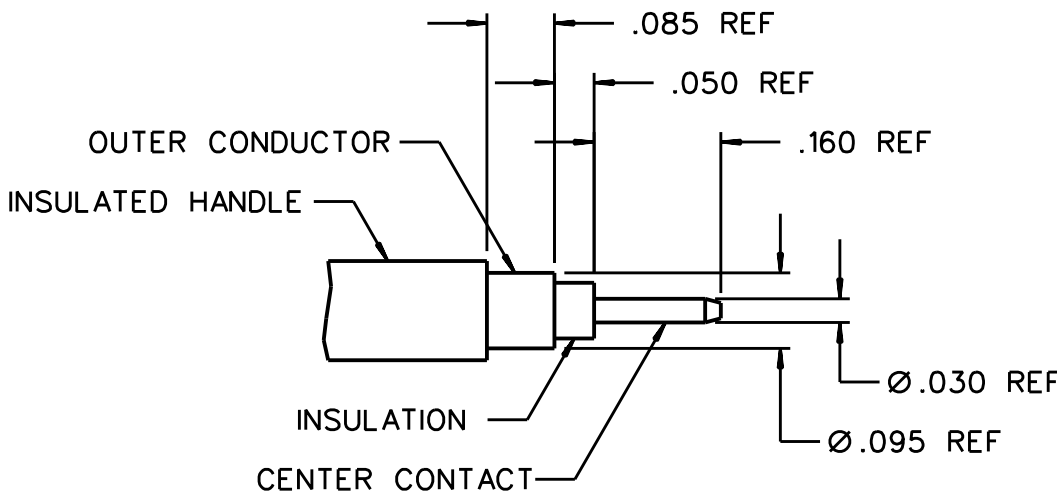
PART NUMBER	ITEM ① BODY	ITEM ② MOUNTING LEGS	ITEM ③ CONTACT	ITEM ④ INSULATOR
129-0701-301	BERYLLIUM COPPER BRIGHT TIN PL .0002 MIN	BERYLLIUM COPPER BRIGHT TIN PL .0002 MIN	BERYLLIUM COPPER BRIGHT TIN PL .0002 MIN OVER NICKEL PL .00005 MIN	TEFLON
129-0701-302	BERYLLIUM COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER BRIGHT TIN PL .0002 MIN OVER NICKEL PL .00005 MIN	TEFLON
129-0701-303	BERYLLIUM COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



MOUNTING HOLE LAYOUT



HP PROBE: SERIES 104XX



TYPICAL PROBE APPLICATIONS

NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

IMPEDANCE: 29 OHMS
FREQUENCY RANGE: 0-2 GHz
WORKING VOLTAGE: 300 VRMS
DIELECTRIC WITHSTANDING VOLTAGE: 2000 VDC
INSULATION RESISTANCE: 1000 MEGOHMS MIN
CONTACT RESISTANCE:
CENTER CONTACT: 6 MILLIOHMS
OUTER CONDUCTOR: 2.5 MILLIOHMS

MECHANICAL:

INSERTION DEPTH:
A MINIMUM DEPTH OF .330 SHALL BE ATTAINED
WITHOUT BOTTOMING BY INSERTING A POLISHED
TIP .0300 O.D. STEEL GAUGE PIN INTO THE
CENTER CONTACT

INSERTION FORCE:
CENTER CONTACT: 32 OZ MAX, 2 OZ MIN
OUTER CONDUCTOR: 48 OZ MAX, 6 OZ MIN
DURABILITY: 250 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE: -65° C TO +85° C
CORROSION: SALT SPRAY, 24 HOURS
SHOCK: MIL-STD-202, METHOD 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION A (-65° C)
HUMIDITY: MIL-STD-202, METHOD 103, CONDITION B

DRAWING NO.									
C - 129-0701-301/310									
0		REVISIONS							
ENGINEERING RELEASE									
04		01-30-89		EJ RJB AW				7-7-89 ECO 24035	
ADDED: .150 REF, 2ND PROBE APPLICATION									
5		6-9-91		RH H SG LM				6-25-91 ECO 40415	
ADDED: P/N 129-1701-302 CHANGED: .150±.006 WAS .150 REF									
6		6-10-92		RH H RJB EM				6-11-92 ECO 41106	
ADDED: INSERTION DEPTH SPEC, "HP PROBE: SERIES 104XX" UNDER PROBE DETAIL									
7		12-14-92		RH H RJB PAH				12-18-92 ECO 41501	
ADDED: P/N 129-0701-303									

* REVISION NUMBER FOLLOWED BY AN ALPHA *									
* CHARACTER INDICATES DRAWING CLARIFI *									
* CATION OR PART NUMBER ADDITION ONLY. *									

7a		7-26-94		RH H RJB PAH				8-4-94 ECN 92628	
VERSION UPDATE									
8		5-15-98		RH H IAK RJB				ECN 45578	
.023±.004 WAS .023±.003									
9		9/16/16		CW W JDM RJB NM				9/16/16 ECO 56506	

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY EJ		DATE 1/30/89		 cinch CONNECTIVITY SOLUTIONS a bel group P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS	mm	CHECKED BY RJB		DATE 9/26/16		
.XX		APPROVED BY RJB		DATE 9/26/16		
.XXX ±.003		RELEASE DATE		9/26/16		
MATL		TITLE				JACK, COAXIAL TEST RA PC MOUNT
FINISH		SHEET				
		DRAWING NO.				
		C - 129-0701-301/310				