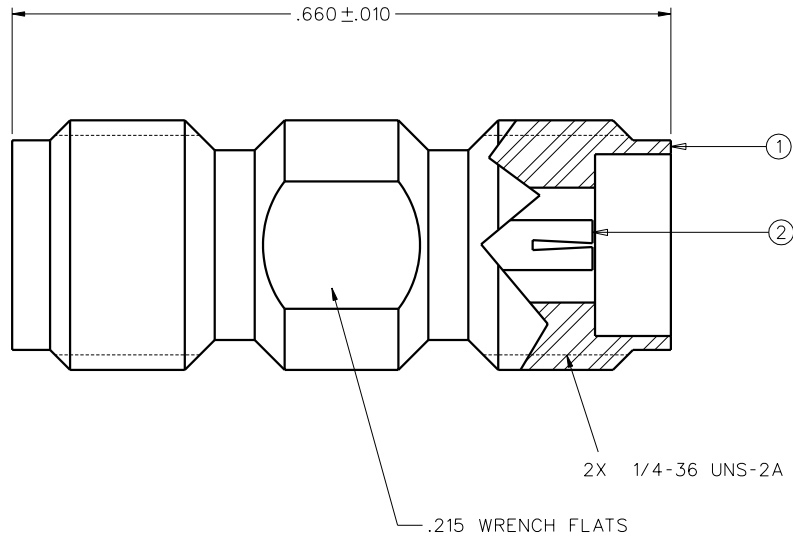


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ (NOT SHOWN) SUPPORT BEAD
145-0901-801	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	MODIFIED PPE RESIN

DRAWING NO. C - 145-0901-801/810			
0 REVISIONS			
ENGINEERING RELEASE			
1	4-8-04	A	12-16-03 ECN 49093



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-40.0 GHz  
 VSWR: 1.20 MAX  
 WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 5000 MEGOHM MIN  
 CONTACT RESISTANCE:  
   CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 6.0 MILLIOHM MAX  
   OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE  
   BRAID TO BODY - NOT APPLICABLE  
 CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET  
 INSERTION LOSS: .06 √F (F IN GHz)  
 RF LEAKAGE: -90 dB MIN AT 2.5 GHz  
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX  
 MATING TORQUE: 7-10 INCH POUNDS  
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE  
 CABLE ACCEPTABILITY: NOT APPLICABLE  
 CABLE HEX CRIMP SIZE: NOT APPLICABLE  
 CABLE RETENTION: NOT APPLICABLE  
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:


(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B  
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C  
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B  
 SHOCK: MIL-STD-202, METHOD 213, CONDITION I  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANS Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	 <small>Cinch Connectivity Solutions 290 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256</small>
DECIMALS	mm	T.A.Kari	12-11-03	
.XX		CHECKED BY	DATE	TITLE ADAPTER ASSEMBLY JACK TO JACK SMK (2.92mm)
.XXX		APPROVED BY	DATE	
MATL		APPROVED BY	DATE	CODE NO.
FINISH		T.A.Kari	4-8-04	DRAWING NO. C - 145-0901-801/810
		RELEASE DATE	4-8-04	SCALE 10:1
				U/M INCH
				SHEET 2 OF 2