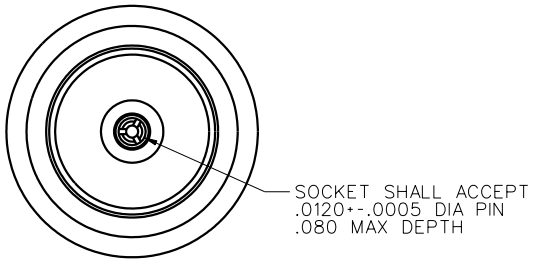
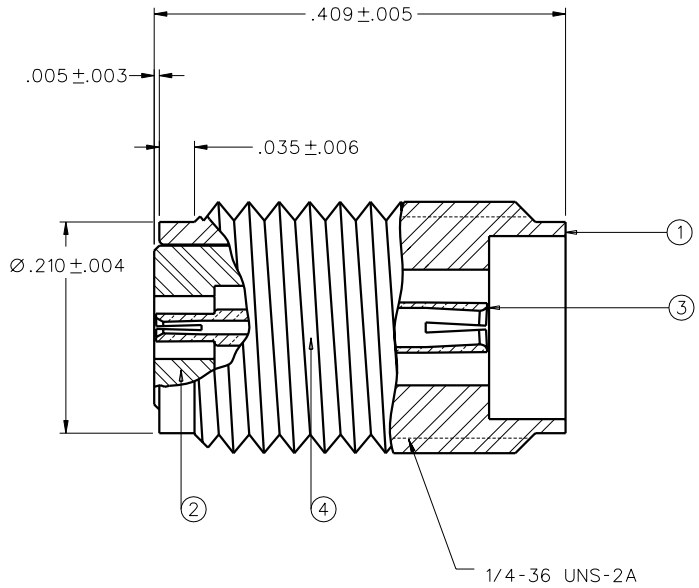
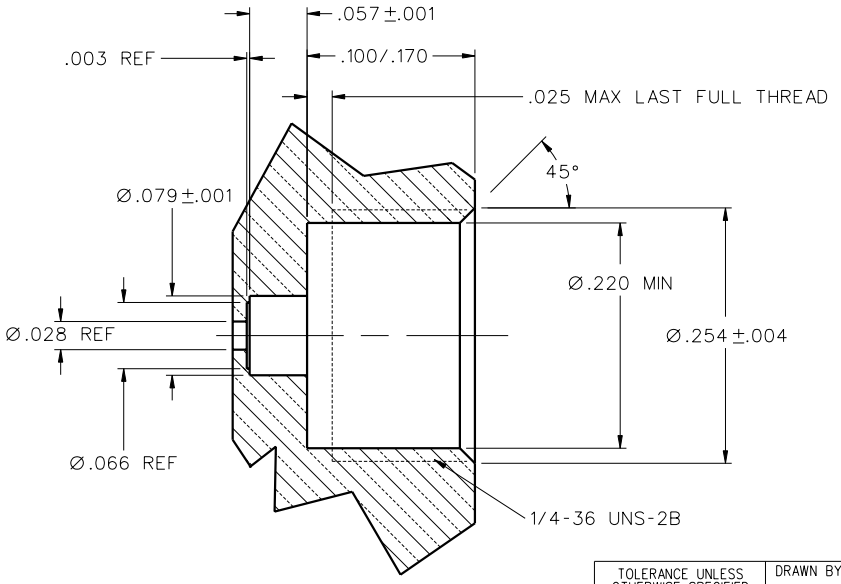
PART NUMBER	ITEM ① BODY	ITEM ② INSERT	ITEM ③ CONTACT	ITEM ④ SUPPORT BEAD
145-0701-001	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PPE RESIN
145-0701-002	STAINLESS STEEL PASSIVATE	STAINLESS STEEL PASSIVATE	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PPE RESIN

DRAWING NO.
C - 145-0701-001/010

0	REVISIONS
ENGINEERING RELEASE	
1	10-08-03 TAK ECN 49037







NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-40.0 GHz
VSWR: DEPENDANT UPON APPLICATION, TYPICALLY 1.22 MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 8.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: DEPENDANT UPON APPLICATION, TYPICALLY < .06√F (F IN GHz)
RF LEAKAGE: -90 dB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
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

MOUNTING HOLE

REF DIMENSIONS PENDING CUSTOMER APPLICATION
RECOMMENDED SEAL PIN: JOHNSON 142-1000-033

THIS DRAWING TO BE INTERPRETED PER ANSIY 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	T.A.Kari	10-3-03
.XX		CHECKED BY	DATE
.XXX +-.003			
MATL		APPROVED BY	DATE
FINISH		APPROVED BY T.A.Kari	DATE 10-3-03
		RELEASE DATE	11-11-03

JOHNSON® a cinch connectivity solutions brand
Cinch Connectivity Solutions
299 Johnson Ave. Ste. 100
Waseca, MN 56093
1-800-247-8256

TITLE
SMK (2.92mm) JACK ASSEMBLY, THREAD MOUNT, FIELD REPLACEABLE, .012 SEAL PIN

CODE NO.	DRAWING NO.
	C - 145-0701-001/010

SCALE 10:1	U/M INCH	SHEET 2 OF 2

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DEUH-9P 145-0701-821 147-0701-832 40-9715HM ATT-0263-04-SMA-02 108-0913-001 415-0203-024 C0909A18-11PN-106 CN0967C10A20P6-040 CN1021A14G03P8-040 DD2466134 111-0102-001 142-0403-011 30-9516 415-0043-MM250 415-0536-012 M49142/03-0005 145-0693-002 21-14-M5.0 415-0030-MM150 8-141 131-3701-306 135-3402-001 12-141 40-98443N-C 415-0028-048 CJ70-7 M24308/4-5F 147-0701-241 30-9506-88