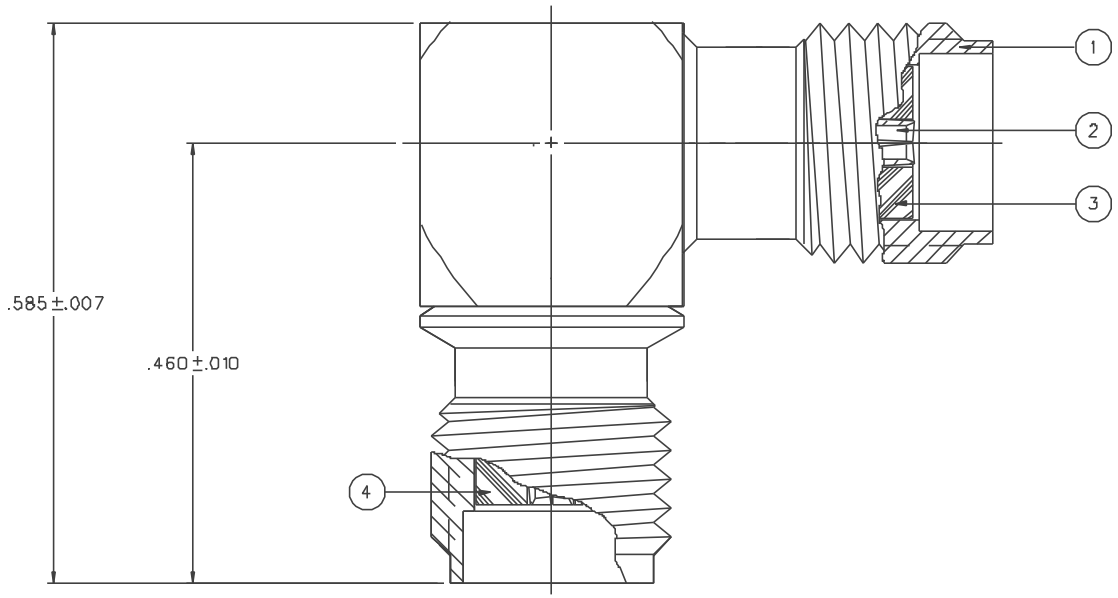
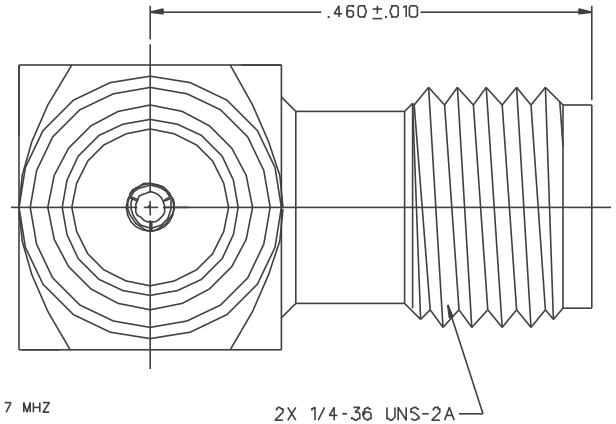
PART NUMBER	ITEM ① BODY SUBASSEMBLY	ITEM ② CONTACT - ONE PIECE	ITEM ③ INSULATOR	ITEM ④ INSULATOR
142-0901-921	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON

DRAWING NO.
C - 142-0901-921/930

	REVISIONS		
ENGINEERING RELEASE			
1	9-10-98	RH KJ IR	ECN 45755





NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHZ
VSWR: 1.035+.02F (F IN GHZ)
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: $.06\sqrt{F}$ (F IN GHZ) AT 6 GHZ
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: 15 IN-LB MIN
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
4 IN-OZ MIN RADIAL TORQUE
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 ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS / mm .XX ——— ——— .XXX +-.003 ——— MATL FINISH	DRAWN BY KAS	DATE 12-22-97	JOHNSON (A cinch connectivity solutions brand) Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY KAS	DATE 9-11-98	TITLE ASSEMBLY, ADAPTER RA IN SERIES SMA JACK TO JACK
	APPROVED BY TAK	DATE 9-17-98	
	APPROVED BY RJB	DATE 9-24-98	CODE NO. / DRAWING NO. C - 142-0901-921/930
	RELEASE DATE		SCALE 10:1 U/M INCH SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.