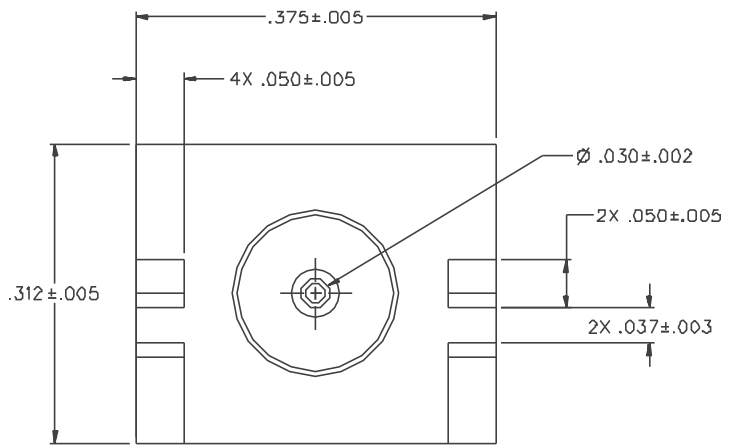
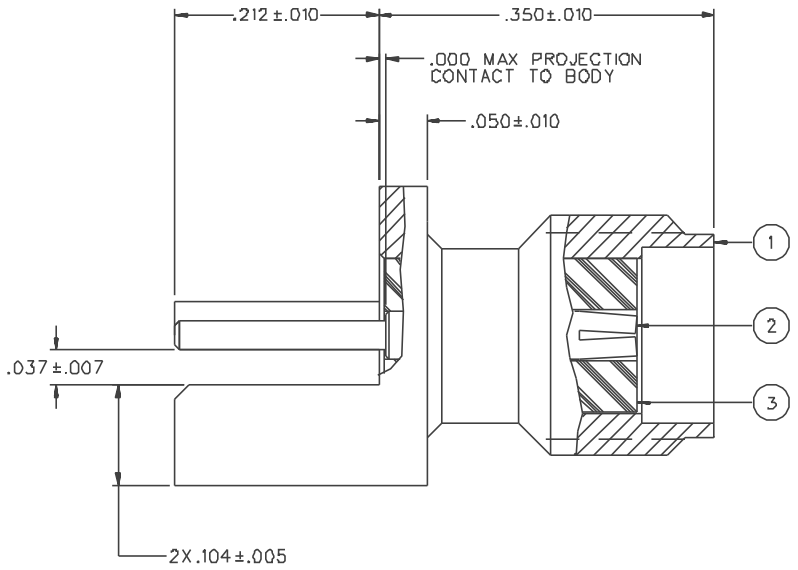
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-0701-881	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-886	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON





NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: NOT APPLICABLE
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 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 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: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7MHz

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
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-PRF-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

DRAWING NO. C - 142-0701-881/890

0	REVISIONS		
ENGINEERING RELEASE			
1	10-27-93	R H	11-4-93 ECO 42131
ADDED: P/N 142-0701-886 CHANGED: .037+.007 WAS .037+-.006, 4X .050+-.005 WAS 4X .040+-.005, 2X .050+-.005 WAS 2X .040+-.005, .050+-.010 WAS .040+-.010			
2	5-10-94	R H	5-19-94 ECN 42293
ADDED: .000 MAX PROJECTION, CUT AWAY FLANGE DETAIL			
3	10-25-96		ECN 44265
VERSION UPDATE			
4	3-9-99		ECN 46208
VERSION UPDATE * REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *			
4a	8-13-01		ECN 47960

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSIY 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS / mm .XX ___ ___ .XXX ___ ___ MATL ___ FINISH ___	DRAWN BY RJB	DATE 10-11-93	JOHNSON (Cinch connectivity solutions brand) Cinch Connectivity Solutions 299 Johnson Ave, Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY	DATE	TITLE JACK ASSEMBLY END LAUNCH SMA
	APPROVED BY RJB	DATE 10-29-93	
	APPROVED BY	DATE	CODE NO. / DRAWING NO. C - 142-0701-881/890
	RELEASE DATE 11-4-93		SCALE 10:1 / U/M INCH / SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.