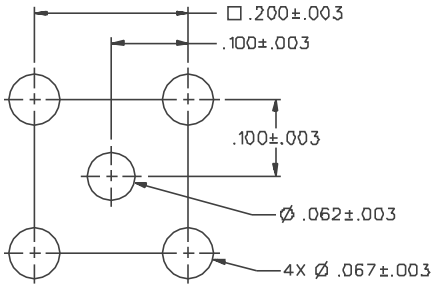
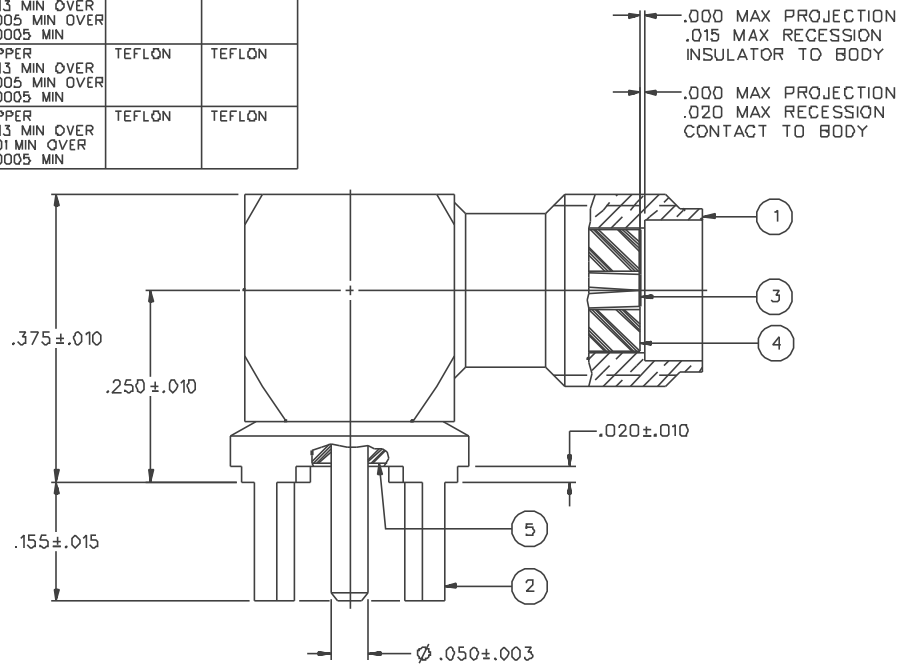
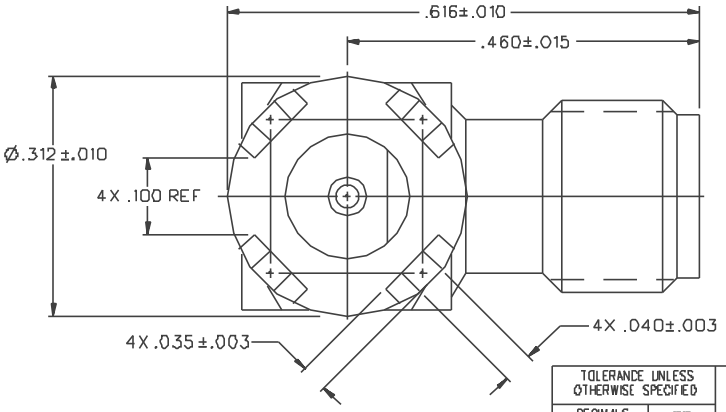
PART NUMBER	ITEM ① BODY	ITEM ② BASE	ITEM ③ CONTACT (ONE PIECE)	ITEM ④ INSULATOR	ITEM ⑤ INSULATOR
142-0701-301	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-0701-302	BRASS GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-0701-304	BRASS SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	BRASS SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	BERYLLIUM COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	TEFLON	TEFLON
142-0701-305	COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	BERYLLIUM COPPER SILVER PL .00005 MIN OVER COPPER PL .000075 MIN	TEFLON	TEFLON
142-0701-306	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-0701-307	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN ⚠2	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON
142-0701-308	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN TIN/LEAD DIPPED TERMINALS	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON



MOUNTING HOLE LAYOUT





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 AT 4 AND 7 MHZ MIN

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
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

⚠2. CONNECTOR MOUNTING LEADS AND CENTER CONTACT 60/40 TIN/LEAD DIPPED (SOLDER PLATE).

DRAWING NO.
C - 142-0701-301/310

0	REVISIONS

REVISED AND REDRAWN. DRAWING WAS "D" SIZE DATED 2-22-88. CHANGED: P/N 142-0701-301/310 WAS 142-0701-301/320. SPLIT INTO 2 SEPERATE DRAWINGS. ADDED: P/N 142-0701-307. NOTE 2

9a	6-21-95	RH	RJB ☒	YAH	6-30-95 ECN 43483

VERSION UPDATE

9b	7-10-96	RH	☒ KNB	☒ JLB	7-16-96 ECN 44124

CHANGED: UPDATED GRAPHICS

9c	9-21-97	RH	JLB ☒	BJG ☒	ECN 44927

CHANGED: UPDATED GRAPHICS

9d	9-17-98	RH	☒ WLC	RJB ☒	☒ A ECN 45657

ADDED: .000 MAX PROJECTION .015 MAX RECESSION INSULATOR TO BODY

9e	3-8-99	RH	☒ CLK	☒ BJG	ECN 46113

ADDED: P/N 142-0701-305

• REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY.

9f	2-17-00	RH	☒ BJG		ECN 46454

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RSH	DATE 6-21-95	JOHNSON (Cinch Connectivity Solutions brand) 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
DECIMALS .XX mm, .XXX	CHECKED BY	DATE	TITLE: JACK ASSEMBLY, RA PC MOUNT SMA
MATL	APPROVED BY RJB	DATE 6-28-95	CODE NO. / DRAWING NO. C - 142-0701-301/310
FINISH	APPROVED BY	DATE	SCALE 8:1 / U/M INCH / SHEET 2 OF 2
	RELEASE DATE 6-30-95		

Please read our datasheet & drawing disclaimer here.