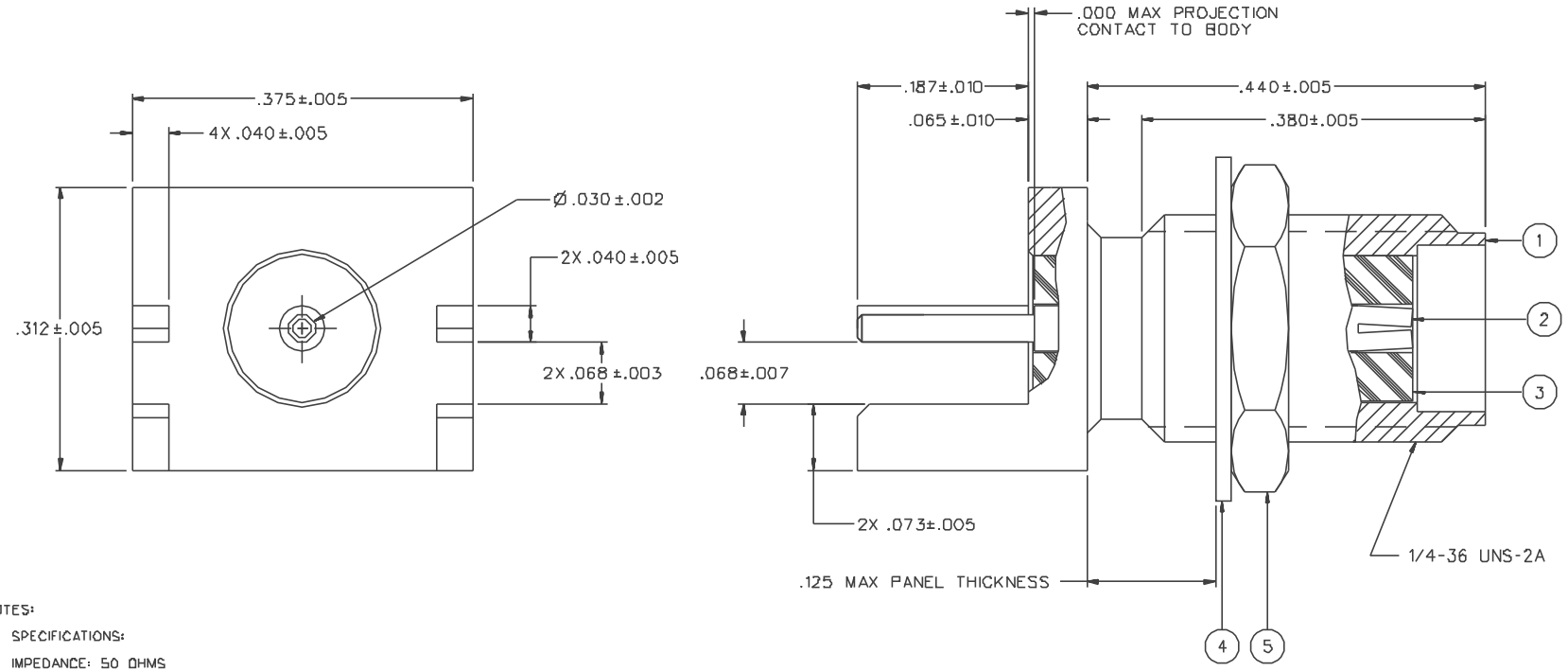
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ③ WASHER	ITEM ④ NUT
142-0701-871	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-0701-876	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	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN OVER	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN OVER



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 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
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

DRAWING NO. C - 142-0701-871/880

0	REVISIONS		
	ENGINEERING RELEASE		
1	10-7-93 R H		10-12-93 ECO 42087
	CHANGED: .380+-.005 WAS .335+-.005		
2	11-23-93 R H		12-1-93 ECO 42181
	ADDED: PART NO'S 142-0701-871 AND -876, NOTES 2 AND 3 CHANGED: .068+-.007 WAS .068+-.006, UPDATED GRAPHICS		
2a	2-25-94 R H		3-2-94 ECO 42292
	ADDED: WASHER AND NUT TO -871, -875 AND -876, 142-0701-872		
3	3-29-94 R H		3-30-94 ECN 42380
	DELETED: -875, NOTE 3 TIN/ DIP LEGS		
	* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *		
3a	6-13-94 R H		6-21-94 ECN 42520
	ADDED: .000 MAX PROJECTION, CUT AWAY FLANGE DETAIL, MAX PANEL THICKNESS CHANGED: 4X .040+-.005 WAS 2X .040+-.005 DELETED: .025+-.010, NOTE 2, P/N 142-0701-871/880		
4	10-24-96 R H		ECN 44266
	VERSION UPDATE		
5	3-1-99 R H		ECN 46209

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	JOHNSON	Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
DECIMALS	mm	RJB	9-27-93		
.XX		CHECKED BY	DATE	TITLE	JACK ASSEMBLY END LAUNCH SMA
.XXX					
MATL		APPROVED BY RJB	DATE 10-7-93		
FINISH		APPROVED BY	DATE	CODE NO.	DRAWING NO. C - 142-0701-871/880
		RELEASE DATE	10-12-93	SCALE 10:1	U/M INCH SHEET 2 OF 2

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