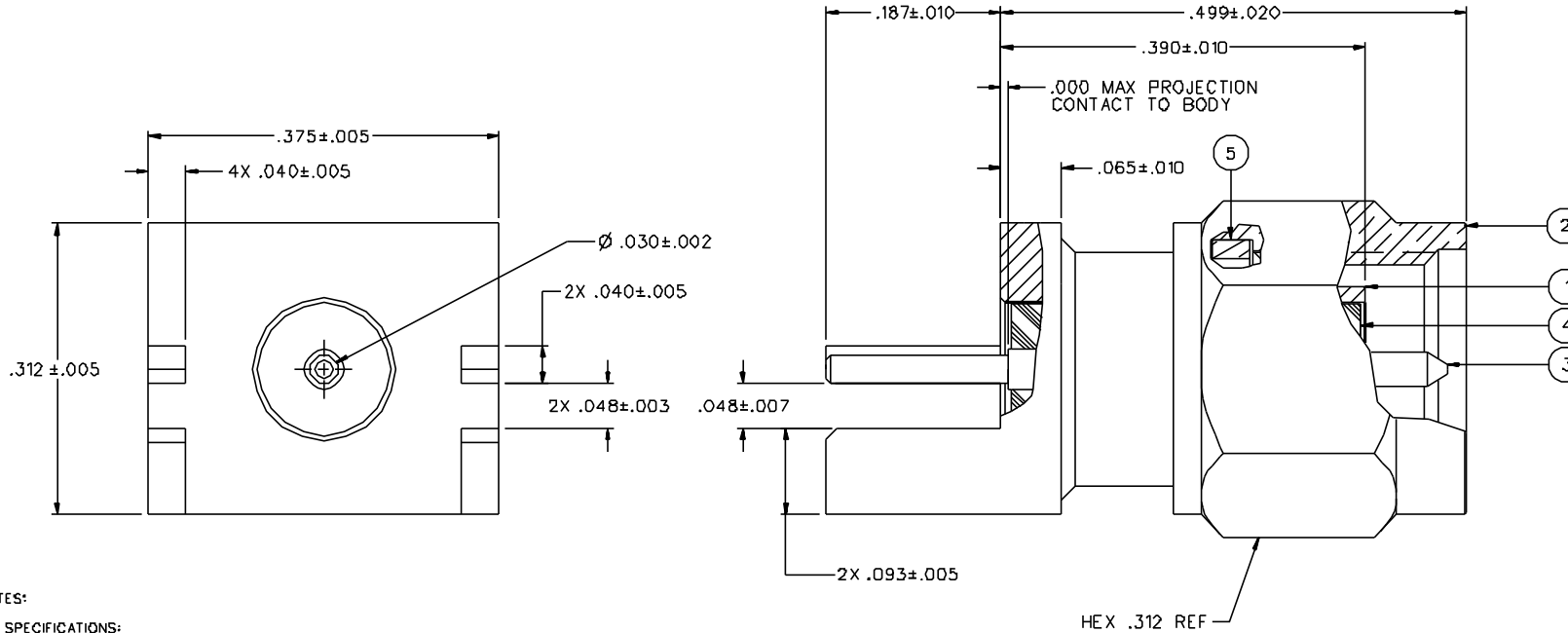


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING
142-0801-821	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED
142-0801-826	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED



NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

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 MEGOHMS MIN
 CONTACT RESISTANCE: CENTER CONTACT - INITIAL 3 MILLIOHMS MAX,
 AFTER ENVIRONMENTAL 4 MILLIOHMS MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS 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: 15 INCH-POUNDS MAX
 COUPLING NUT RETENTION: 60 LBS MIN
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 4 IN-OZ MIN RADIAL TORQUE
 CABLE ACCEPTABILITY: 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°C TO 165°C
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO. C - 142-0801-821/830	
0 REVISIONS	
ENGINEERING RELEASE	
1	11-16-92 R H A R 12-18-92 H T A H E C C 4135D
CHANGED: .048±.007 WAS .048±.006, UPDATED GRAPHICS	
1a	2-21-94 R H A R 3-8-94 H T A H E C C 4222E
DELETED: -825, NOTE 2 TIN/DIP LEADS	
1b	6-15-94 R H A R 5-21-94 H T A H E C N 42523
4X .040±.005 WAS 2X .040±.005, .187±.010 WAS .187±.015, GOLD PL .00005 WAS .00003 ADDED: .000 MAX PROJECTION, DIA .030±.002, DELETED: .025±.010	
2	2-25-97 R H A R E C N 44254
STANDARDIZED AND UPDATED FOR REVISED CONTACT	
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY.	
2a	11-14-01 R H A R E C N 48086

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY VET	DATE 9-17-92	JOHNSON® Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 02093 1-800-247-8256	
DECIMALS .XX	CHECKED BY	DATE	TITLE PLUG ASSEMBLY END LAUNCH SMA	
.XXX	APPROVED BY VET	DATE 11-18-92	CODE NO.	DRAWING NO. C - 142-0801-821/830
MATL	APPROVED BY TAK/RJB	DATE 12-14-92	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	DATE 12-18-92		