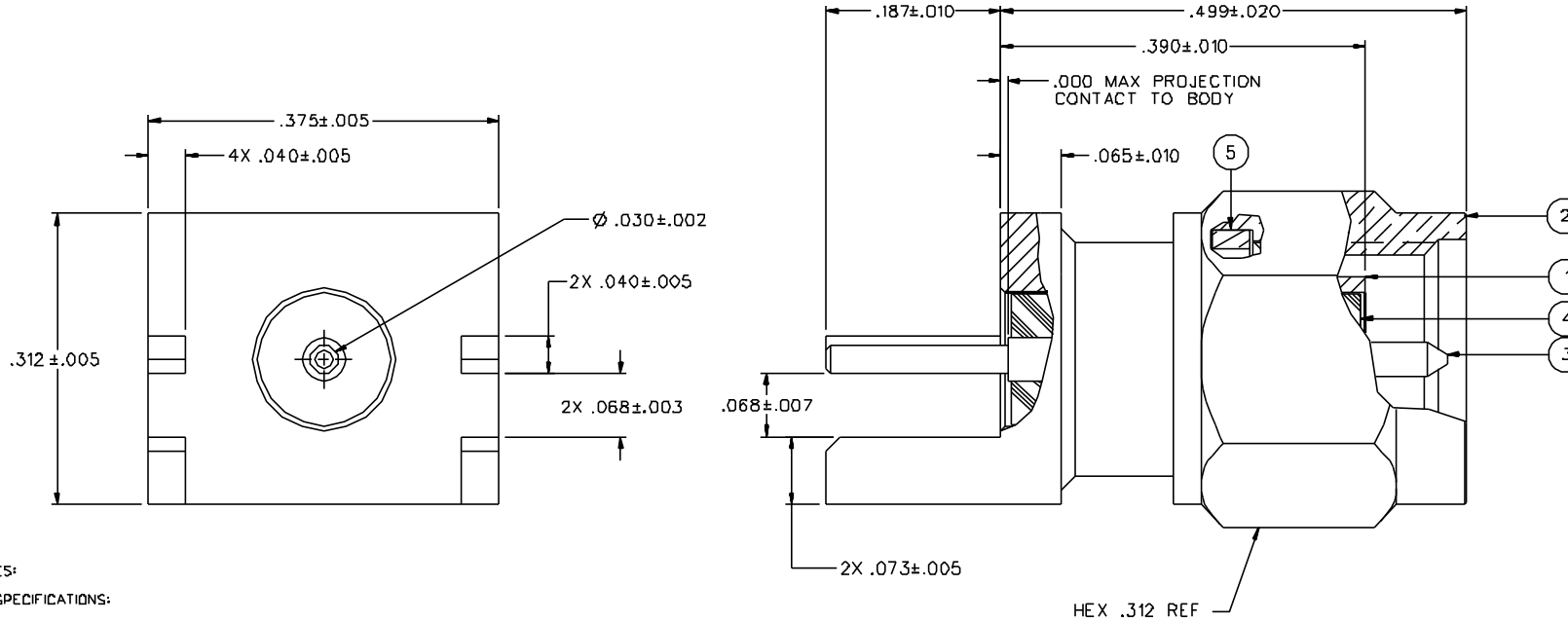


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING
142-0801-801	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED
142-0801-806	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: 5DDD 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 I  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO. C - 142-0801-801/810	
0 REVISIONS	
ENGINEERING RELEASE	
1	11-13-92 R H B A P 12-18-92 E L E C O 41348
CHANGED: .068-.007 WAS .068-.006, UPDATED GRAPHICS	
1a	2-21-94 R W A B S 3-8-94 E C N 42226
DELETED: 805, NOTE 2 TIN/DIP LEGS	
1b	6-13-94 R I R A 6-21-94 E C N 42521
4X .040-.005 WAS 2X .040-.005, .187-.010 WAS .187-.015, .0005 GOLD PL WAS .00003 ADDED: .000 MAX PROJECTION, DIA. .030-.002, DELETED: .025-.010	
2	2-21-97 R H B A P E C N 44257
STANDARDIZED AND UPDATED FOR REVISED CONTACT	
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLASS * * CATION OR PART NUMBER ADDITION ONLY *	
2a	11-14-D1 R H B A P E C N 48085

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSII 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RJB	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
mm				
.XXX	APPROVED BY VET	DATE 11-18-92	CODE NO.	DRAWING NO. C - 142-0801-801/810
MATL	APPROVED BY TAK/RJB	DATE 12-14-92	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	12-18-92		