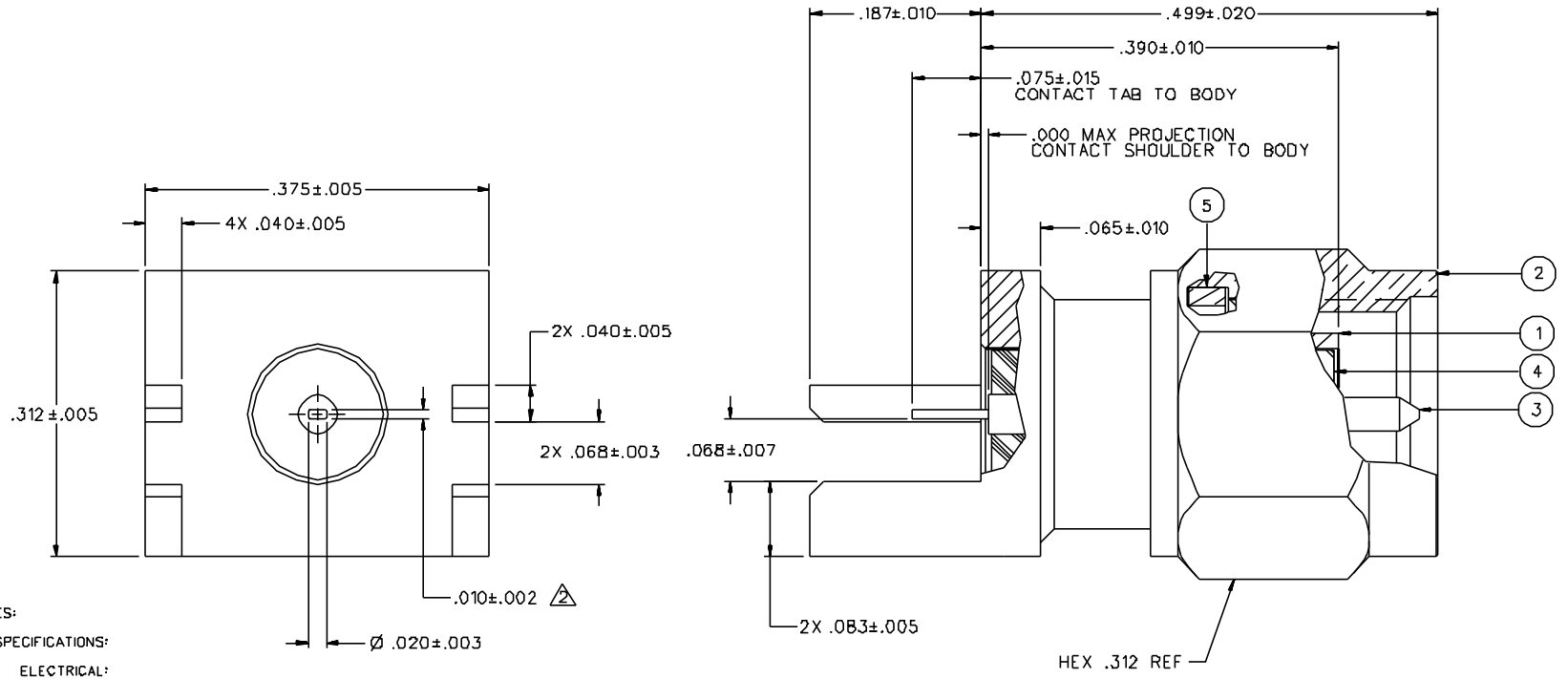
PART NUMBER	ITEM (1) BODY	ITEM (2) NUT	ITEM (3) CONTACT	ITEM (4) INSULATOR	ITEM (5) RETENTION SPRING
142-0801-811	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED
142-0801-816	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 I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

2. BOTTOM OF CONTACT TO BE IN LINE WITH MOUNTING LEG WITHIN .010.

DRAWING NO.
C-142-0801-811/820

0	REVISIONS				
ENGINEERING RELEASE					
1	11-13-92	R H	V E T	A K R	P A H	12-18-92 ECO 41349
CHANGED: .068+-.007 WAS .068+-.003, UPATED GRAPHICS ADDED: .025+-.018						
1a	2-21-94	R H	[illegible]	[illegible]	[illegible]	3-8-94 ECO 42227
DELETED: -815, NOTE 4 TIN DIP LEADS						
1b	6-13-94	R H	J A K	R J B	[illegible]	6-21-94 ECN 42522
4X .040+-.005 WAS 2X .040 +-.005, .187+-.010 WAS .187+-.015, .00005 GOLD PL WAS .00003 ADDED: .000 MAX PROJECTION, .075 +-.015, .065+-.010 DELETED: .025+-.005, .025+-.018, .100 +-.015, .000+-.018, .000+-.017, NOTE 2 AND RENUMBERED OTHERS						
2	2-24-97	R H	J A K	[illegible]		ECN 44255
STANDARDIZED AND UPDATED FOR REVISED CONTACT						
* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATED DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. *						
2a	11-14-01	[illegible]	R J B			ECN 48087

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	VET	9-17-92
.XX		CHECKED BY	DATE
.XXX			
MATL		APPROVED BY VET	DATE 11-18-92
FINISH		APPROVED BY TAK/RJB	DATE 11-30-92
		RELEASE DATE	12-18-92

JOHNSON — Cinch Connectivity Solutions, 299 Johnson Ave, Ste. 100, Waseca, MN 56093, 1-800-247-8256

TITLE	PLUG ASSEMBLY END LAUNCH SMA	
CODE NO.	DRAWING NO.	
	C-142-0801-811/820	
SCALE 10:1	U/M INCH	SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.