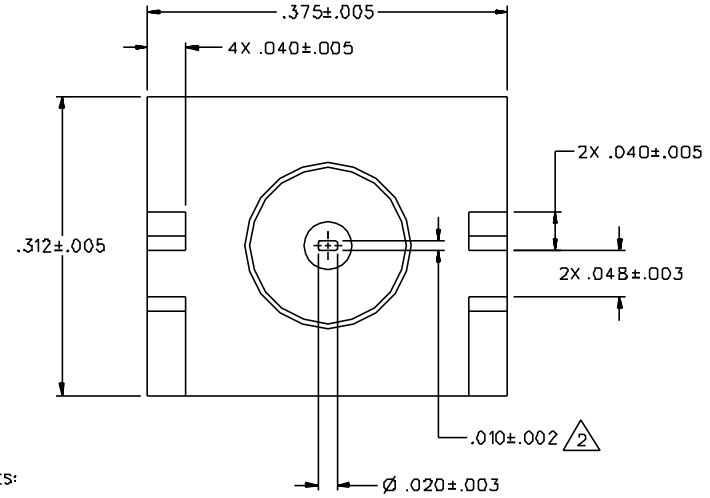
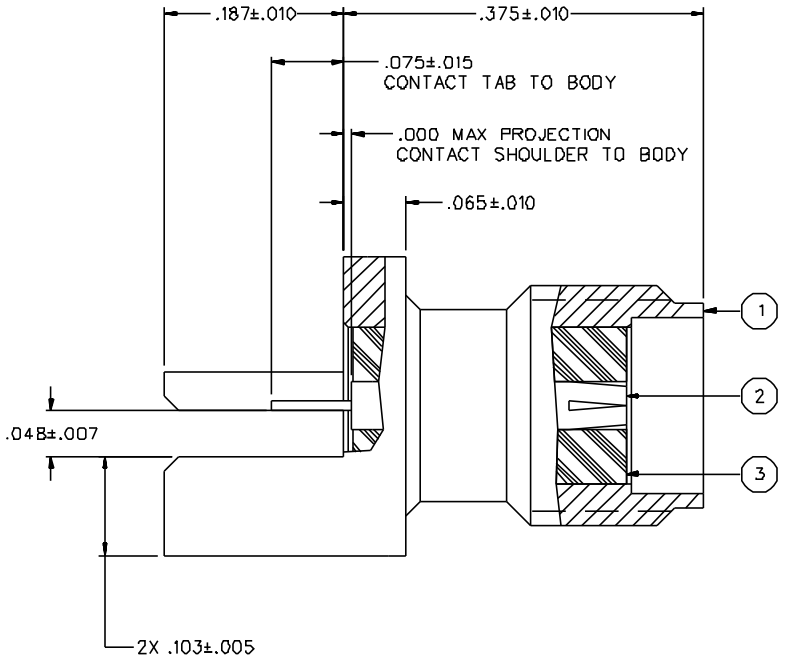
PART NUMBER	ITEM (1) BODY	ITEM (2) CONTACT	ITEM (3) INSULATOR
142-0701-841	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-846	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON





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: 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 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-142-0701-841/850

0	REVISIONS				
ENGINEERING RELEASE					
1	11-10-92	R H	V	P	12-18-92 ECO 41275

CHANGED: .048+-.007 WAS .048+-.003, UPDATED GRAPHICS
ADDED: .025+-.018

1a	2-22-94	R H	S	P A	3-8-94 ECO 42224

CHANGED: -845 "B" .055/.035 WAS .048+-.007 AND "C" .051/.035 WAS .048+-.003

* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. *

1b	6-14-94	R H	T	P A	6-21-94 ECN 42518

CHANGED: 4X .040+-.005 WAS 2X .040+-.005, 2X .048+-.003 WAS 2X "C" .048+-.007 WAS "B"+-.007
ADDED: .000 MAX PROJECTION, .075+-.015
DELETED: .035+-.005, .025+-.018, .100+-.015, .000+-.017, .000+-.018, P/N 142-0701-845, NOTES 2 AND 4 AND RENUMBERED OTHERS

2	2-19-97	R H	J		ECN 44268

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	7-13-92
.XX		CHECKED BY	DATE
.XXX			
MATL		APPROVED BY VET	DATE 11-18-92
		APPROVED BY TAK/RJB	DATE 12-14-92
FINISH		RELEASE DATE	12-18-94

JOHNSON (Cinch connectivity solutions brand)
Cinch Connectivity Solutions
299 Johnson Ave, Ste. 100
Waseca, MN 56093
1-800-247-8256

TITLE	JACK ASSEMBLY END LAUNCH SMA		
CODE NO.	DRAWING NO. C-142-0701-841/850		
SCALE 10:1	U/M INCH	SHEET 2 OF 2	

Please read our datasheet & drawing disclaimer here.