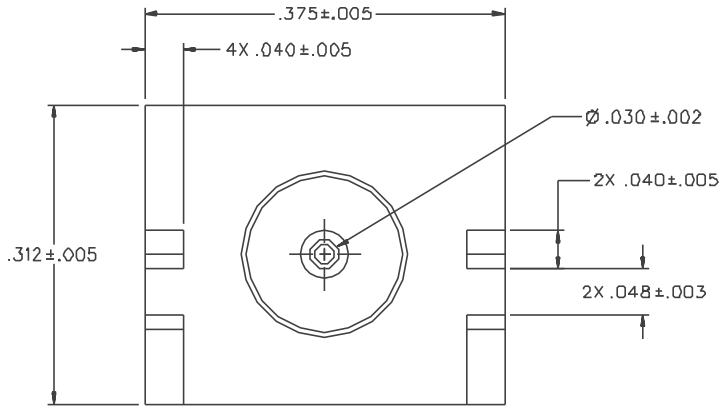
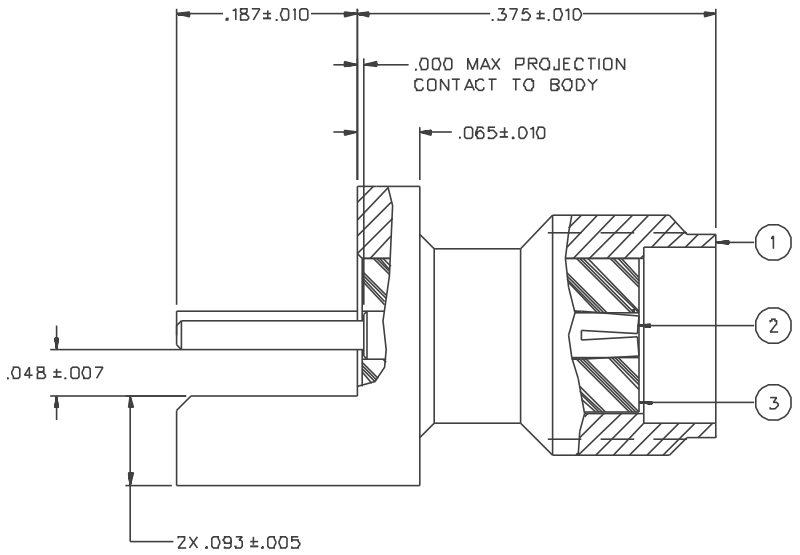
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-D7D1-B31	BRASS GOLD PL .00001 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON
142-D7D1-B36	BRASS NICKEL PL .DDD1 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON





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-PRF-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 - 142-0701-831/840

0	REVISIONS			
ENGINEERING RELEASE				
1	10-26-92	RH	JG AH	12-18-92 ECO 41348
CHANGED: .048+-.007 WAS .048+-.006, UPDATED GRAPHICS				
1a	2-22-94	RH	TA	3-8-94 ECO 42223
DELETED: -835, NOTE 2 TIN DIP LEADS				
• REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY.				
1b	6-11-94	RH	TR PA	6-21-94 ECN 42517
ADDED: .000 MAX PROJECTION, CUT AWAY FLANGE DETAIL CHANGED: 4X .040+-.005 WAS 2X .040+-.005 DELETED: .025+-.010				
2	10-24-96	RH	JG TB	ECN 44269
VERSION UPDATE				
3	2-26-99	RH	TA JG	ECN 46210
VERSION UPDATE				
3a	8-13-01	AK	RJG	ECN 47961

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS .XX ±.01 mm .XXX ±.005 MATL FINISH	DRAWN BY VET	DATE 9-17-92	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave, Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY	DATE	TITLE JACK ASSEMBLY END LAUNCH SMA
	APPROVED BY VET	DATE 11-18-92	
	APPROVED BY TAK/RJG	DATE 12-14-92	CODE NO. / DRAWING NO. C - 142-0701-831/840
	RELEASE DATE 12-18-92		SCALE 10:1 / U/M INCH / SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.