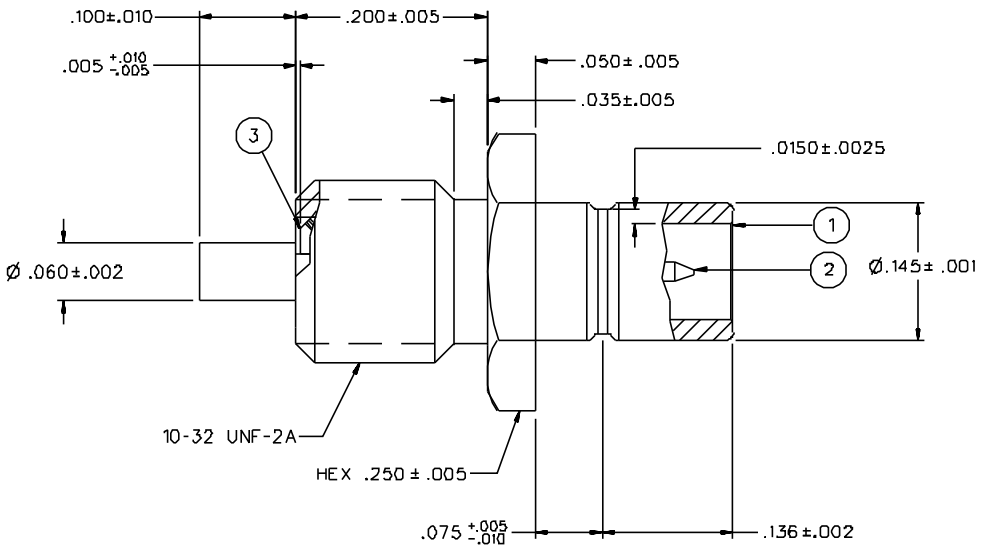
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
131-3701-441	BRASS GOLD PL .00001 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
131-3701-442	BRASS GOLD PL .00001 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
131-3701-446	BRASS NICKEL PL .DDD1 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-4 GHz
VSWR: 1.3 MAX
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: NOT APPLICABLE
INSERTION LOSS: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX. AFTER DURABILITY 14 LBS MAX
ENGAGEMENT, 3 LB MIN DISENGAGEMENT
MATING TORQUE: NOT APPLICABLE
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE FROM REAR, 6 LBS MIN FROM FRONT, 2 IN-OZ MIN 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-C-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 B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B

DRAWING NO. C - 131-3701-441/450

0	REVISIONS		
ENGINEERING RELEASE			
1	11-21-96	RH	12-6-96 ECN 44505
VERSION UPDATE			
1a	12-11-96	RH	12-16-96 ECN 44508
CHANGED: .256+-.010 WAS .291+-.010			
2	2-10-97	RH	ECN 44614
ADDED: 2 IN-OZ MIN TORQUE TO CONTECT RETENTION SPEC			
2a	9-25-98	RH RJB A	ECN 45875
ADDED: P/N'S 131-3701-441 & -446, DIA .144+-.002, .0150+-.0025			
3	5-20-99	RH A	ECN 46410
VERSION UPDATE			
3a	8-3-99	RH A A RJB B	ECN 46618
CHANGED: .005+.010-.005 WAS .005 +-.005, .050+-.005 WAS .050+-.010, DIA .145+-.001 WAS DIA .145+-.002 DELETED: .256+-.010 ADDED: .136+-.002, .075+.005-.010			
* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. *			
3b	3-14-00	RH RJB	ECN 47023

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	JOHNSON	Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
DECIMALS	mm	RJB	11-18-96		
.XX		CHECKED BY	DATE	TITLE	JACK ASSEMBLY, FRONT MOUNT BULKHEAD, SMB
.XXX					
MATL		APPROVED BY RJB	DATE 11-21-96		
FINISH		APPROVED BY	DATE	CODE NO.	DRAWING NO. C - 131-3701-441/450
		RELEASE DATE	12-6-96	SCALE 10:1	U/M INCH SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.