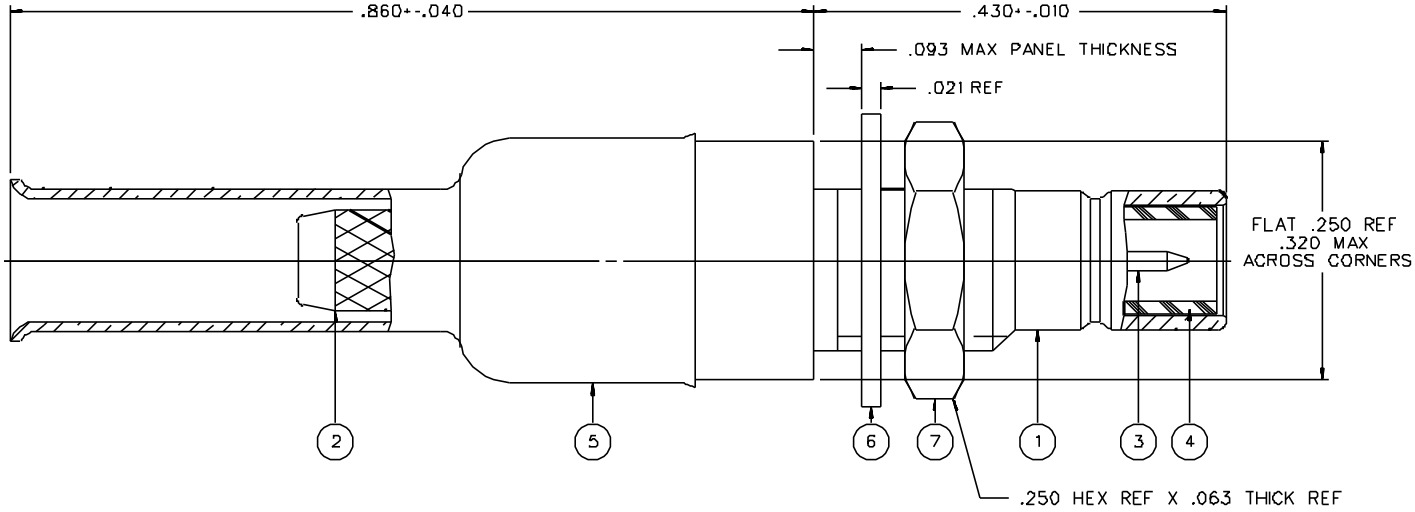
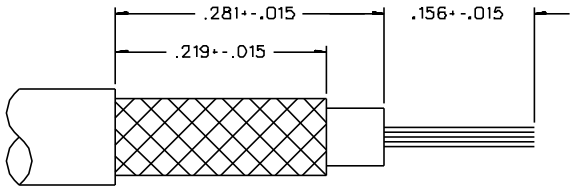
PART NUMBER	ITEM ① BODY - FRONT	ITEM ② BODY - REAR	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ WASHER	ITEM ⑦ NUT
131-3303-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0000S MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .000D3 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .0000I MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE GOLD PL .0000I MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .0000S MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .0000S MIN
131-3303-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .000D3 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .0000S MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .0000S MIN





CABLE STRIP DIMENSIONS

NOTES:

1. SPECIFICATIONS:

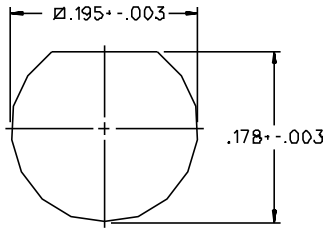
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-4 GHZ
VSWR: 1.25+.04 F (F IN GHZ) (50 OHM CABLE ONLY)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER 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 - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .30 DB MAX AT 1.5 GHZ (50 OHM CABLE ONLY)
RF LEAKAGE: -55 DB MIN AT 2.5 GHZ (50 OHM CABLE ONLY)
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
ENGAGEMENT/2 LBS MIN DISENGAGEMENT
MATING TORQUE: NOT APPLICABLE
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
CABLE ACCEPTABILITY: RG 188/U, RG 316/U, RG 179/U, RG 174/U, RG 161/U, RG 187/U
CABLE HEX CRIMP SIZE: .128
CONTACT CRIMP TOOL: JCI P/N 141-0000-911
CABLE RETENTION: 20 LBS MIN OR CABLE BREAKING STRENGTH
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



MOUNTING HOLE

DRAWING NO. C - 131-3303-401/410

0	REVISIONS		
ENGINEERING RELEASE			
01	04-25-89	EJ / LCS / RJB / AJW	5-2-89 ECO 23977
ADDED: (50 OHM CABLE ONLY) TO VSWR INSERTION LOSS AND RF LEAK SPECS. "GOLD PLATED INITIAL..." AND "NICKEL PLATED INITIAL..." TO BRAID TO BODY CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ DELETED: RG 188A/U, RG 179A/U, RG 179B/U AND RG 187A/U FROM CABLE ACCEPTABILITY			
2	3-31-93	RH / TAK / RJB / AJH	4-7-93 ECO 41746
ADDED: CONTACT CRIMP TOOL NOTE TO SPECS			
3	9-29-97	RH / TAK / RJB	ECN 44963

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS .XX ___ .XXX ___ mm ___ MATL ___ FINISH ___	DRAWN BY EJ	DATE 5-17-88	JOHNSON (Cinch Connectivity Solutions brand) Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY	DATE	TITLE: JACK ASSEMBLY STRAIGHT CABLED BULKHEAD SMB, RG 316
	APPROVED BY LCS	DATE 4-26-89	
	APPROVED BY RJB	DATE 4-27-89	CODE NO. ___ DRAWING NO. C - 131-3303-401/410
	RELEASE DATE 5-2-89		SCALE 10:1 U/M INCH SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.