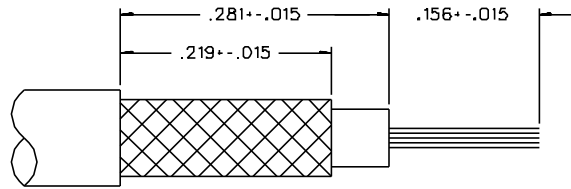
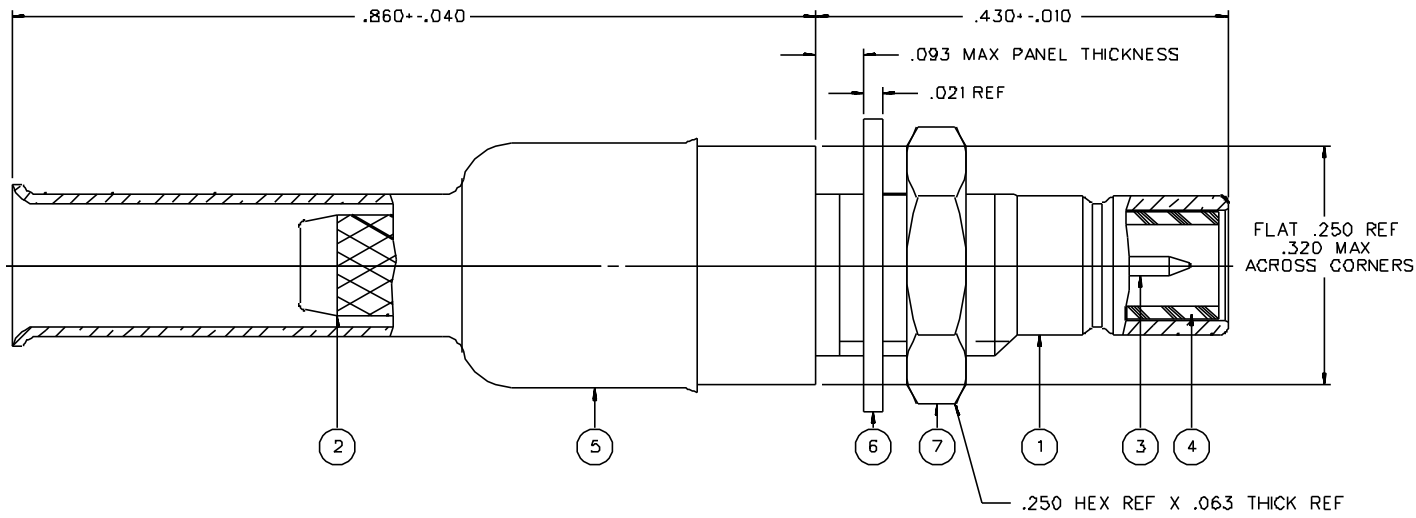
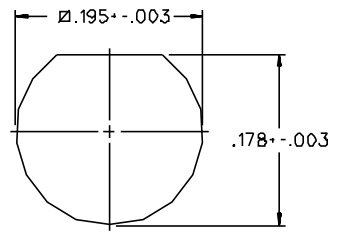


PART NUMBER	ITEM ① BODY - FRONT	ITEM ② BODY - REAR	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ WASHER	ITEM ⑦ NUT
131-3303-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE 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
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 .00003 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 .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

DRAWING NO. C - 131-3303-401/410			
0 REVISIONS			
ENGINEERING RELEASE			
01	04-25-89	E L R A J S B W	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	R H R A H C K B	4-7-93 ECO 41746
ADDED: CONTACT CRIMP TOOL NOTE TO SPECS			
3	9-29-97	R H R A H C K B	ECN 44963



CABLE STRIP DIMENSIONS



MOUNTING HOLE

NOTES:

- 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

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANS Y14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY <b>EJ</b>	DATE 5-17-88	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	CHECKED BY	DATE	TITLE JACK ASSEMBLY STRAIGHT CABLED BULKHEAD SMB, RG 316	
.XXX	APPROVED BY LCS	DATE 4-26-89	CODE NO.	DRAWING NO. C - 131-3303-401/410
FINISH	APPROVED BY RJB	DATE 4-27-89	SCALE 10:1	U/W INCH SHEET 2 OF 2
	RELEASE DATE	5-2-89		