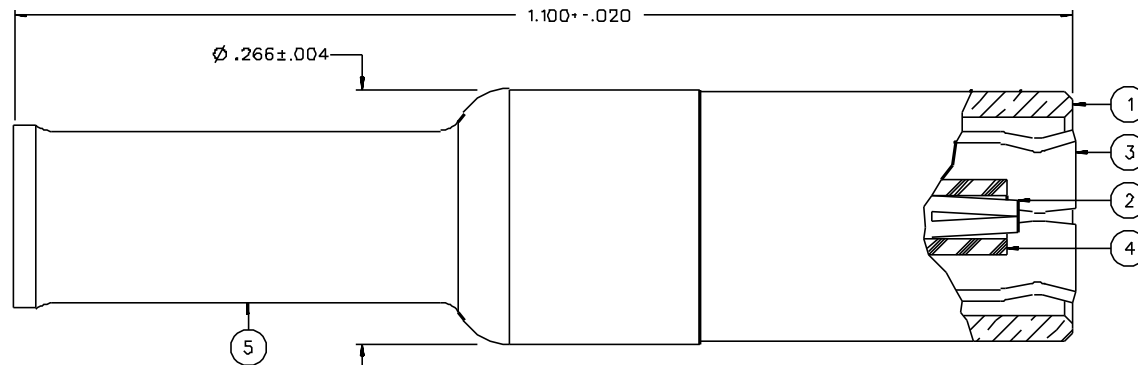


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE
131-3404-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER 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
131-3404-006	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	BERYLLIUM COPPER 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
131-3404-016	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	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

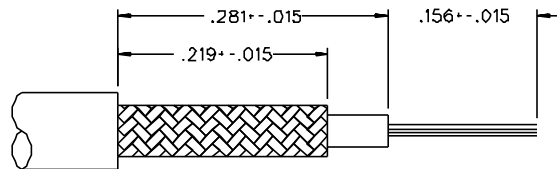
IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-4 GHZ
 VSWR: 1.25-.04 F (F IN GHZ) (50 OHM CABLE ONLY)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 6 MILLIOHM MAX, 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 - 1 MILLIOHM MAX (GOLD PLATED), AFTER ENVIRONMENTAL NOT APPLICABLE
 2.5 MILLIOHM MAX (NICKEL PLATED), 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 MIN 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 316/U DOUBLE SHIELDED, RG 179 DOUBLE SHIELDED
 RG 188/U DOUBLE SHIELDED, RG 187 DOUBLE SHIELDED
 CABLE HEX CRIMP SIZE: .151
 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: ML-STD-202, METHOD 204, CONDITION B



CABLE STRIP DIMENSIONS

DRAWING NO.		C - 131-3404-001/020	
0		REVISIONS	
ENGINEERING RELEASE			
1	6-4-92	R H K B A	6-18-92 ECCO 41066
ADDED: P/N 131-3404-016			
2	11-20-92	R H K B A	12-3-92 ECCO 41394
ADDED: (50 OHM CABLE ONLY) TO VSWR INSERTION LOSS AND RF LEAK SPECS AFTER ENVIRONMENTAL... TO BRAID TO BODY, RG 179 DS AND RG 187 DS TO CABLE ACCEPTABILITY			
3	3-30-93	R H K B A	4-14-93 ECCO 41754
UPDATED GRAPHICS			
4	11-3-94	R H K B A	11-10-94 ECN 42766
ADDED: CONTACT CRIMP TOOL NOTE TO SPECS			
5	9-27-97	R H K B A	ECN 44967
VERSION UPDATE			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATED DRAWING CLARIFY *			
* CAUTION ON PART NUMBER ADDITION ONLY *			
50	2-12-98	R H K B A	ECN 45218

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANS1Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY VET	DATE 4-8-92	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	CHECKED BY	DATE	TITLE PLUG ASSEMBLY STRAIGHT CABLED SMB, 50 OHM, RG 316 DS	
MATL	APPROVED BY VET	DATE 6-15-92	CODE NO.	DRAWING NO. C - 131-3404-001/020
FINISH	APPROVED BY TAK/RJB	DATE 6-15-92	RELEASE DATE 6-18-92	SCALE 10:1 U/W INCH SHEET 2 OF 2