

## Excellent Integrated System Limited

Stocking Distributor

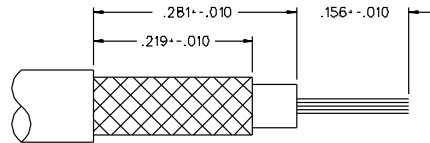
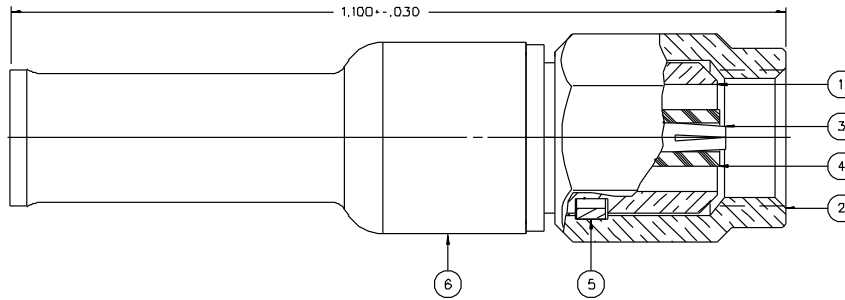
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)  
[131-6404-001](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

| PART NUMBER  | ITEM ①<br>BODY                                                                        | ITEM ②<br>NUT                                                                         | ITEM ③<br>CONTACT                                                                                | ITEM ④<br>INSULATOR | ITEM ⑤<br>SPRING             | ITEM ⑥<br>CRIMP SLEEVE                                                                 |
|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------|------------------------------|----------------------------------------------------------------------------------------|
| 131-6404-001 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON              | BERYLLIUM COPPER<br>UNPLATED | COPPER<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN |
| 131-6404-006 | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON              | BERYLLIUM COPPER<br>UNPLATED | COPPER<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             |

|                                                                                                                            |                                   |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| DRAWING NO.<br>C - 131-6404-001/010                                                                                        |                                   |
| 0                                                                                                                          | REVISIONS                         |
| ENGINEERING RELEASE                                                                                                        |                                   |
| 1                                                                                                                          | 7-22-92 R Y H A 7-28-92 ECO 41136 |
| VERSION UPDATE                                                                                                             |                                   |
| * REVISION NUMBER FOLLOWED BY AN ALPHA *<br>* CHARACTER INDICATES DRAWING CLASS *<br>* DATE OR PART NUMBER ADDITION ONLY * |                                   |
| to 12-14-94                                                                                                                | R H A 12-14-94 ECN 42969          |



CABLE STRIP DIMENSIONS

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
FREQUENCY RANGE: 0-10 GHZ  
VSWR: 1.20 ± .04 F (F IN GHZ)  
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 - NOT APPLICABLE  
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL - NOT APPLICABLE  
BRAID TO BODY - INITIAL 1 MILLIOHM MAX (COLD PLATED), INITIAL 2.5 MILLIOHM MAX (NICKEL PLATED), AFTER ENVIRONMENTAL NOT APPLICABLE  
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET  
INSERTION LOSS: .25 DB MAX AT 4 GHZ  
RF LEAKAGE: .60 DB MIN AT 2.5 GHZ  
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 MHZ AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 16 OUNCE-INCH MAX TORQUE  
MATING TORQUE: 35-50 OUNCE INCH  
COUPLING PROOF TORQUE: 100 OUNCE-INCH MIN  
COUPLING NUT RETENTION: 35 LBS MIN  
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE  
CABLE ACCEPTABILITY: RG316/U DOUBLE SHIELDED  
ROHS/UL DOUBLE SHIELDED  
CABLE HEX CRIMP SIZE: .151  
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 C  
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

|                                                                           |                    |                 |                                                                                                            |
|---------------------------------------------------------------------------|--------------------|-----------------|------------------------------------------------------------------------------------------------------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED                                      | DRAWN BY<br>VET    | DATE<br>5-15-92 | <p>Crinch Connectivity Solutions<br/>299 Johnson Ave. Ste. 100<br/>Warren, MI 48093<br/>1-800-247-8236</p> |
| DECIMALS<br>.XX<br>.XXX<br>MIL<br>FINISH                                  | CHECKED BY<br>VET  | DATE<br>7-27-92 |                                                                                                            |
|                                                                           | APPROVED BY<br>RJB | DATE<br>7-27-92 |                                                                                                            |
|                                                                           | RELEASE DATE       |                 |                                                                                                            |
| TITLE<br>PLUG ASSEMBLY,<br>STRAIGHT CABLED<br>SMC, RG 316 DOUBLE SHIELDED |                    |                 | CODE NO.                                                                                                   |
| DRAWING NO.<br>C - 131-6404-001/010                                       |                    |                 | SCALE 10:1                                                                                                 |
|                                                                           |                    |                 | U/M INCH                                                                                                   |
|                                                                           |                    |                 | SHEET 2 OF 2                                                                                               |