

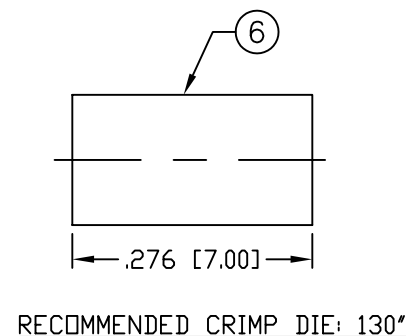
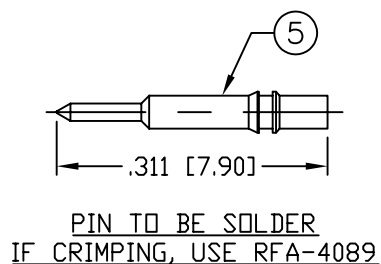
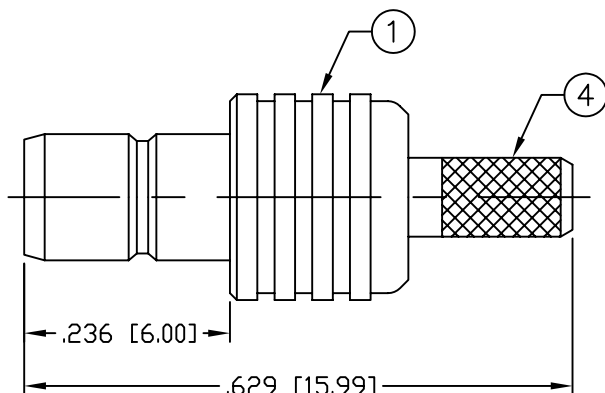
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PART NO.

**RSB-4050-1B**

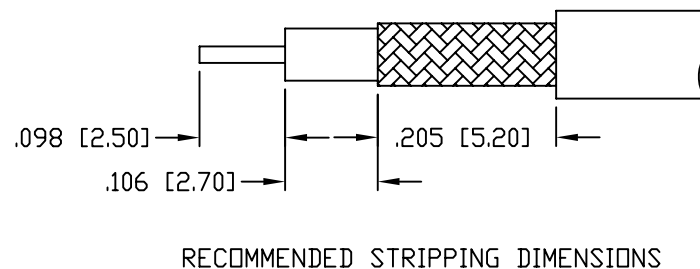
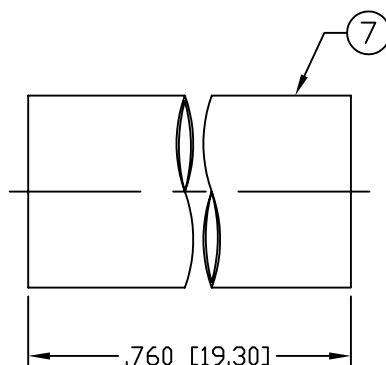
| REV | DESCRIPTION         | DWN | DATE     | APPROVED |
|-----|---------------------|-----|----------|----------|
| -   | ENGINEERING RELEASE | CZS | 08/28/07 | JDMc     |

ALL DIMENSIONS ARE REFERENCE ONLY



## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
FREQUENCY RANGE: 0-4 GHz  
WORKING VOLTAGE: 335 V rms Max. @ Sea Level  
VSWR MAX: 1.15  
INSERTION LOSS(dB):  $0.03 \times \sqrt{f(\text{GHz})}$   
CONTACT RESISTANCE:  $\leq 6 \text{ m Ohm}$   
INSULATION RESISTANCE: 1k M Ohms min.  
TEMPERATURE RANGE: -65°C TO 165°C  
FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,  
BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE



|    |              |     |             |            |           |          |
|----|--------------|-----|-------------|------------|-----------|----------|
| 1  | BODY         | 1   | BRASS       | GOLD, 5μ"  | 000713    |          |
| 2  | INSULATOR    | 1   | PTFE        | ---        |           |          |
| 3  | INSULATOR    | 1   | PTFE        | ---        |           |          |
| 4  | FERRULE STUD | 1   | BRASS       | GOLD, 5μ"  |           |          |
| 5  | PIN          | 1   | BRASS       | GOLD, 30μ" |           |          |
| 6  | FERRULE      | 1   | COPPER      | GOLD, 5μ"  |           |          |
| 7  | TUBING       | 1   | HEAT SHRINK | ---        |           |          |
| 8  |              |     |             |            |           |          |
| 9  |              |     |             |            |           |          |
| 10 |              |     |             |            | DRAWN     |          |
| 11 |              |     |             |            | C. ZUNIGA | 08/28/07 |
| 12 |              |     |             |            | CHECKED   |          |
| 13 |              |     |             |            |           |          |
| 14 |              |     |             |            | ORJ DRAWN |          |
|    |              |     |             |            | C. ZUNIGA | 08/06/96 |
| #  | DESCRIPTION  | QTY | MATERIAL    | FINISH     | APPROVALS | DATE     |

**RoHS**  
**COMPLIANT**

DIMENSIONS ARE IN INCHES  
AND [MILLIMETERS]  
UNLESS OTHERWISE NOTED  
TOLERANCES ARE:

DECIMALS DIAMETER

**RF connectors**  
DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD  
SAN DIEGO, CA 92126  
(858) 549-6340  
(858) 549-6345 FAX

**SMB JACK, CRIMP**

|            |                     |                        |          |
|------------|---------------------|------------------------|----------|
| SIZE<br>A  | CABLE GROUP<br>B    | DWG NO.<br>RSB-4050-1B | REV<br>— |
| SCALE: NTS | CAD FILE<br>OUTLINE | SHEET 1 OF 1           |          |