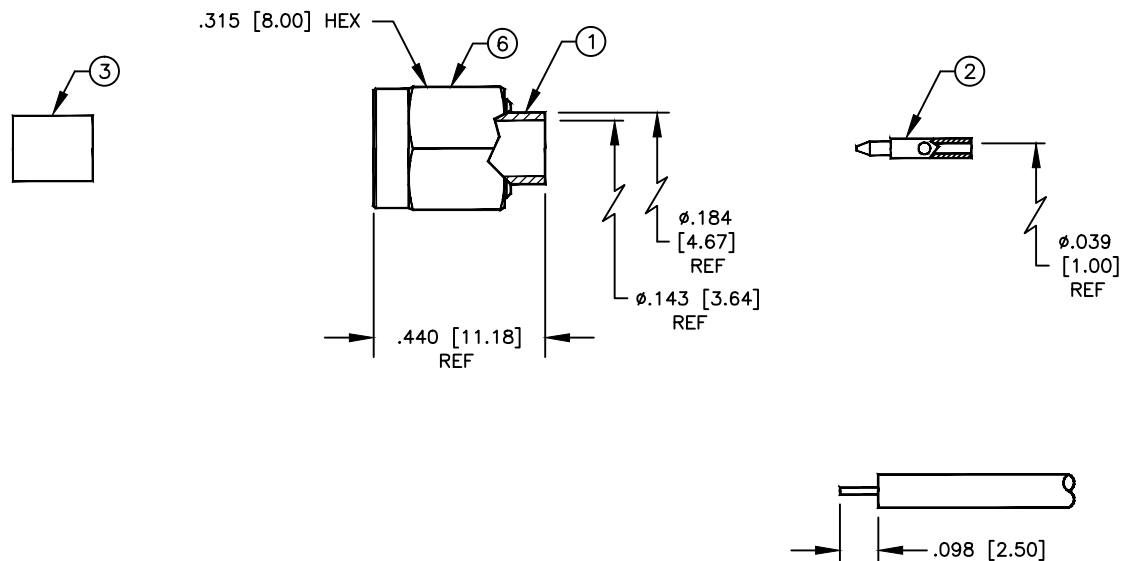


# SPECIFICATION CONTROL DRAWING

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| REV | DESCRIPTION         | DWN | DATE     | APPROVED |
|-----|---------------------|-----|----------|----------|
| A   | ENGINEERING RELEASE | KMM | 10/30/96 | R. RICE  |
|     |                     |     |          |          |
|     |                     |     |          |          |



**SUGGESTED STRIPPING INSTRUCTIONS**  
PIN TO BE SOLDERED

## SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 WORKING VOLTAGE: 500V PEAK @ SEA LEVEL  
 FREQUENCY RANGE: 0-18 GHz  
 INSERTION LOSS: -.5 dB @ 18.GHz  
 VSWR MAX: 1.1:1 @ 18 GHz  
 FOR .141 SEMI RIGID, RG-402/U & BELDEN 1673A CABLE

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS          DIAMETER

DRAWN  
K. MAXWELL      10/30/96

CHECKED

ORJ DRAWN  
K. MAXWELL      10/30/96

APPROVALS      DATE

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

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 (619)549-6340  
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RSA-3500-141

SMA MALE FOR .141 SEMI RIGID CABLE

| ITEM | DESCRIPTION    | QTY | MATERIAL    | FINISH     |
|------|----------------|-----|-------------|------------|
| 6    | SHELL          | 1   | BRASS       | NICKEL     |
| 5    | RETAINING RING | 1   | BeCu        | NONE       |
| 4    | GASKET         | 1   | S.I. RUBBER | BRT ORANGE |
| 3    | DIELECTRIC     | 1   | PTFE        | NONE       |
| 2    | PIN            | 1   | BRASS       | GOLD       |
| 1    | BODY           | 1   | BRASS       | NICKEL     |

| SIZE       | CABLE GROUP | DWG NO.          | REV          |
|------------|-------------|------------------|--------------|
| A          | SR2         | 8522             | B            |
| SCALE: 2:1 |             | CAD FILE 13ARC B | SHEET 1 OF 1 |