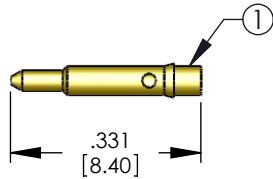
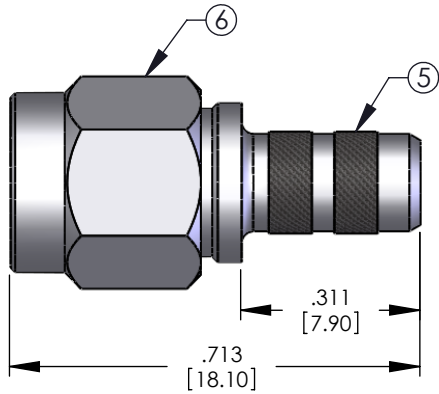
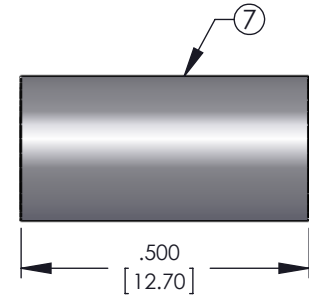


# RSA-3000-C

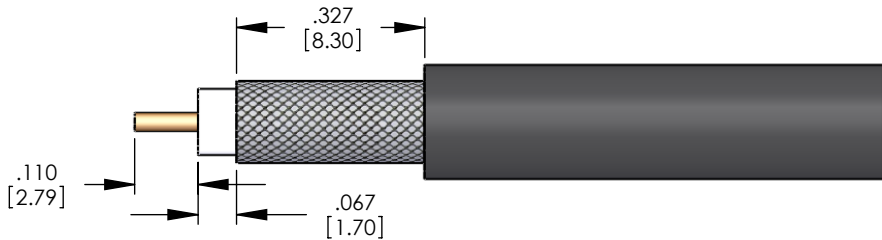
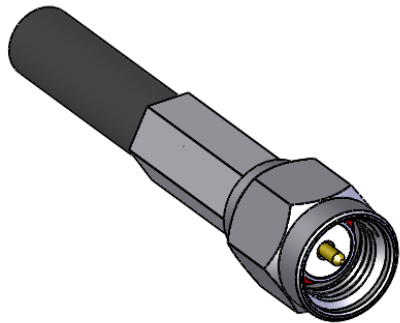
| REV | DESCRIPTION                                  | DATE     | APPR |
|-----|----------------------------------------------|----------|------|
| D   | CHANGE CENTER CONDUCTOR STRIPPING DIMENSIONS | 03/14/08 | JDM  |



SOLDER ONLY



RECOMMENDED CRIMP DIE: .213"



RECOMMENDED STRIPPING DIMENSIONS

## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.06 \times \sqrt{f(\text{GHz})}$   
 VSWR: 1.3 MAX.  
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 85°C  
 FOR RG-58, 58A, 58C, 141, 141A, BELDEN 8240, 9907  
 8259, 8262, 9201, 9203, 9310, 9311 & COMM/SCOPE 0268

| ITEM # | PART NUMBER    | QTY. | DESCRIPTION    | MATERIAL        | FINISH |
|--------|----------------|------|----------------|-----------------|--------|
| 7      | 066-CXX-001-BN | 1    | FERRULE        | Brass           | NICKEL |
| 6      | 012-30M-002-BN | 1    | SMA SHELL      | Brass           | NICKEL |
| 5      | 001-30M-011-BN | 1    | BODY           | Brass           | NICKEL |
| 4      | 027-30M-000-CX | 1    | RETAINING RING | BeCu            | NONE   |
| 3      | 022-30M-001-LX | 1    | SMA GASKET     | SILICONE RUBBER | NONE   |
| 2      | 010-30X-009-TX | 1    | INSULATOR      | PTFE            | NONE   |
| 1      | 009-30M-012-BG | 1    | SMA PIN        | Brass           | GOLD   |

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                 |           |            |                                      |     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------------------------------------|-----|--|
| <div>ROHS</div> <div>COMPLIANT</div> <div>UNLESS OTHERWISE SPECIFIED:<br/>DIMENSIONS ARE IN INCHES<br/>TOLERANCES:<br/>DIAMETERS ±.001<br/>ANGULAR: MACH ±1°<br/>TWO PLACE DECIMAL ±.005<br/>THREE PLACE DECIMAL ±.003<br/>FINISH 63V MAX.</div> |                                                                                                                                                                                                 | NAME      | DATE       | Buy at: LANshack<br>www.lanshack.com |     |  |
|                                                                                                                                                                                                                                                  | DRAWN                                                                                                                                                                                           | C. ZUNIGA | 08/29/13   |                                      |     |  |
|                                                                                                                                                                                                                                                  | CHECKED                                                                                                                                                                                         |           |            |                                      |     |  |
|                                                                                                                                                                                                                                                  | ENG APPR.                                                                                                                                                                                       |           |            | TITLE:                               |     |  |
| <div>CABLE GROUP</div> <div>C</div> <div>CODE</div> <div>008974</div>                                                                                                                                                                            | PROPRIETARY AND CONFIDENTIAL                                                                                                                                                                    |           |            | SMA PLUG, CRIMP                      |     |  |
|                                                                                                                                                                                                                                                  | THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RF INDUSTRIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF RF INDUSTRIES IS STRICTLY PROHIBITED. |           |            |                                      |     |  |
|                                                                                                                                                                                                                                                  | SIZE                                                                                                                                                                                            |           | DWG. NO.   |                                      | REV |  |
|                                                                                                                                                                                                                                                  | A                                                                                                                                                                                               |           | RSA-3000-C |                                      | D   |  |
| SCALE: NTS                                                                                                                                                                                                                                       |                                                                                                                                                                                                 | NOTES:    |            | SHEET 1 OF 1                         |     |  |