

# SMA-M CONN .086 SR DIRECT SOLDER R ANGLE

SC7021, SC7022

## SPECIFICATIONS

### ELECTRICAL:

FREQUENCY: 0-12.4 GHZ  
 VSWR 1.3:1 MAX  
 IMPEDANCE: 50 OHMS

### MECHANICAL:

MATERIAL BODY: STAINLESS STEEL  
 CENTER CONTACT: BRASS  
 CONTACT PLATING: Au MIL-G-45204  
 CAPTIVATED CONTACT  
 INSULATOR: TEFLON  
 INTERFACE: MIL-STD-883A  
 ROHS COMPLIANT  
 OP. TEMP RANGE: -55°C to +155°C

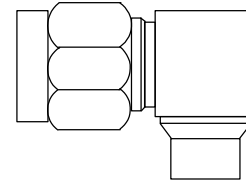
### ASSEMBLY

TRIM CABLE AS SHOWN,  
 INSERT CABLE INTO SMA BODY,  
 POSITION CABLE INNER CONDUCTOR IN CENTER CONTACT SLOT,  
 SOLDER CONNECTOR BODY TO CABLE OUTER CONDUCTOR,  
 SOFT SOLDER CENTER CONTACT TO CABLE INNER CONDUCTOR,  
 PRESS ON CAP

SC7018 PASSIVATED NUT  
 SC7019 Au PLATING

.680"

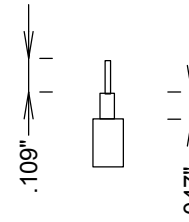
SMA-M



.430"



CAP



.109"

.047"

STRIPPING DIMENSIONS

**FAIRVIEW MICROWAVE INC.**

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

TITLE

**SMA-M CONN .086 SR  
 DIRECT SOLDER R ANGLE**

SIZE

**A**

CAGE CODE

**3FKR5**

DWG NO

**SC7021, SC7022**

REV

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SCALE

SHEET