

NOTES:

1. MATERIALS AND FINISHES:
BODIES - STAINLESS STEEL, PASSIVATED
CONTACT - BeCu, GOLD PLATING (.000050 THICK MIN)
INSULATOR - PTFE
FERRULE - BRASS, NICKEL PLATING (.000100 THICK MIN)

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 18 GHz
C. VSWR(RETURN LOSS): 1.15 + .03f (GHz), MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 901-9531-3SF, AND DATE CODE"

5. FOR CABLE STRIPPING AND ASSEMBLY INSTRUCTIONS
SEE 349-50180, SHEET 6. USE CRIMP TOOL 227-944
WITH DIE SET 227-1221-03, CAVITY 'A'
(M22520/5-03 CLOSURE 'A') .128 HEX.

6. ASTERISK (*) INDICATES CABEL ENTRY DIMENSIONS

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Sep-88	35827	PB
T	SEE SHEET 1	21-Jun-02	44080	KJC
U	SEE SHEET 1	07-Aug-12	49022	CPM
V	SHOW METRIC DIMENSIONS, UPDATE DRAWING	05-Dec-13	49795	SH

VIEW SHOWN WITHOUT CAP

1.14 REF *
[.045]

VIEW SHOWN WITHOUT
HEAT SHRINK

VIEW SHOWN WITHOUT CAP

17.32
[.682]

13.67 REF.
[.538]

13.97 REF
[.550]

23.5 REF.
[.925]

Ø1.68 REF *
[.066]

Ø3.25 REF *
[.128]

AMPHENOL

INTERFACE PER
MIL-STD-348
SMA SERIES

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL
-
-

REFERENCE
D.O.R. 313431
611X-704
GEN# ASSYMI-SMA

FINISH

DRAWN
S.DUAN

ENGINEER
K.CAPOZZI

APPROVED
S.HSIEH

CAD FILE

DATE
03-Dec-13

DATE
19-Mar-96

DATE
03-Dec-13

TITLE
SMA PLUG
RIGHT ANGLE
FOR RG-316 CABLE

SCALE: 4.0:1.0 | SHEET 2 OF 2

DWG SIZE
B

REV
V

Amphenol RF
www.amphenolrf.com

DRAWING NO. 901-9531-3SF

ITEM NO. 901-9531-3SF

PART NO. 901-9531-3SF