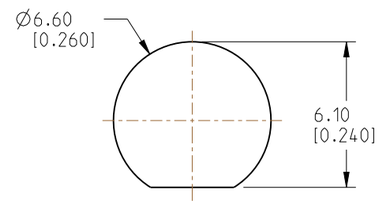
NOTES:

1. MATERIALS AND FINISHES:
   SMA STR PLUG - BRASS, GOLD PLATING
   SMA STR BHD JACK IP 67 - BRASS, GOLD PLATING
   CABLE - RG 316

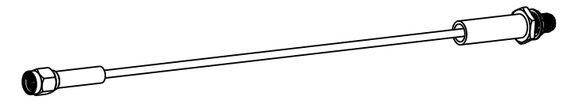
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95-902-569-XXX AND DATE CODE"

| REVISIONS | | | | |
|---|---|---|---|---|
| REV | DESCRIPTION | DATE | ECN | BY |
| A | RELEASE TO MFG. | 17-JAN-22 | 16087 | DK |




**RECOMMENDED MOUNTING HOLE DIMNSIONS**



SCALE 0.500

| LENGTH TABLE | | |
|---|---|---|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN INCHES [METERS] |
| 95-902-569-006 | - | 6.00 [0.152] |
| - | 95-902-569M025 | 9.84 [0.250] |
| 95-902-569-012 | - | 12.00 [0.305] |
| 95-902-569-018 | - | 18.00 [0.457] |
| - | 95-902-569M050 | 19.69 [0.500] |
| 95-902-569-024 | - | 24.00 [0.610] |
| - | 95-902-569M075 | 29.53 [0.750] |
| 95-902-569-036 | - | 36.00 [0.914] |
| - | 95-902-569M100 | 39.37 [1.000] |
| 95-902-569-048 | - | 48.00 [1.219] |

| TOLERANCE TABLE | |
|---|---|
| LENGTH IN INCHES/FT [METERS] | TOLERANCE |
| 0" - 23.90" [0 - 0.607] | ±0.25" [0.006] |
| 24.00" - 59.00" [0.610 - 1.499] | ±0.50" [0.013] |
| 5.0' - 24.9' [1.524 - 7.617] | ±2.5% |
| 25.0' & UP [7.620 & UP] | ±5.0% |

DESIGN REQUIREMENTS:

- [X] FREQUENCY: DC - 6 GHz
- [X] CONTINUITY
- [ ] VSWR: ____ 1 MAX.
- [X] HI-POT: 750 VRMS
- [ ] INS. LOSS: ____ dB MAX.
- [ ] OTHER

# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE

EAR# 11089

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

| | |
|---|---|
| <0.5mm = ±0.05mm | [<0.020 = ±0.002] |
| 0.5 - 6mm = ±0.1mm | [>0.020 - 0.236 = ±0.004] |
| >6.00 - 30mm = ±0.2mm | [>0.236 - 1.181 = ±0.008] |
| >30.00 - 120mm = ±0.3mm | [>1.181 - 4.725 = ±0.012] |

ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1: DINESH A

ENGR.2:

DATE: 13-DEC-21

TITLE: SMA STR PLUG TO SMA STR BHD JACK IP 67 USING RG 316 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.6:1.0

Amphenol RF

SIZE: B

DRAWING NO. 95-902-569-XXX

ITEM NO. 95-902-569-XXX

PART NO. 95-902-569-XXX

REV: A