

NOTES:

1. MATERIALS AND FINISHES:
SMP STR PLUG - BeCu, GOLD PLATING
CABLE - TFLEX 405
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-725-107-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|---|-----------|-------|------|
| A | RELEASE TO MFG | 22-Oct-14 | 50205 | BCG |
| B | FREQUENCY 20 WAS 26.5 GHz, VSWR UPDATED, 48.00" & METERIC LENGTHS ADDED | 14-Oct-16 | 2146 | VK |
| C | METRIC PART NUMBER UPDATED | 28-Feb-17 | 3143 | VK |



| LENGTH TABLE | | |
|------------------------|----------------------|---|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH AND TOLERANCE 'L' IN INCHES [METERS] |
| 95-725-107-030 | - | 3.00 [0.076] |
| 95-725-107-040 | - | 4.00 [0.102] |
| 95-725-107-050 | - | 5.00 [0.127] |
| 95-725-107-060 | - | 6.00 [0.152] |
| 95-725-107-070 | - | 7.00 [0.178] |
| 95-725-107-080 | - | 8.00 [0.203] |
| 95-725-107-090 | - | 9.00 [0.229] |
| - | 95-725-107M025 | 9.84 [0.250] |
| 95-725-107-100 | - | 10.00 [0.254] |
| 95-725-107-110 | - | 11.00 [0.279] |
| 95-725-107-120 | - | 12.00 [0.305] |
| 95-725-107-180 | - | 18.00 [0.457] |
| - | 95-725-107M050 | 19.69 [0.500] |
| 95-725-107-240 | - | 24.00 [0.610] |
| - | 95-725-107M075 | 29.53 [0.750] |
| 95-725-107-360 | - | 36.00 [0.914] |
| - | 95-725-107M100 | 39.37 [1.000] |
| 95-725-107-480 | - | 48.00 [1.219] |
| - | 95-725-107M200 | 78.74 [2.000] |
| - | 95-725-107M400 | 157.48 [4.000] |

| 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:

- | | |
|--|---|
| <input checked="" type="checkbox"/> FREQUENCY : DC TO 20 GHz | <input checked="" type="checkbox"/> CONTINUITY |
| <input checked="" type="checkbox"/> VSWR : 1.25 MAX. [DC-6 GHz] 1.50 MAX. [6-12.5 GHz] 1.75 MAX. [12.5-20 GHz] | <input checked="" type="checkbox"/> HI-POT : 500 VRMS |
| <input type="checkbox"/> INS. LOSS: ---- dB MAX | <input type="checkbox"/> OTHER |

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| | | | | | | |
|---|--|--|--|---|-----------------------------------|------------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1° | | MATERIAL SEE NOTES | DRAWN RAJAGOPAL N DATE 24-Sep-14 | TITLE SMP STR PLUG TO SMP STR PLUG USING TFLEX 405 CABLE, VARIOUS LENGTH | Amphenol RF www.amphenolrf.com | |
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| CONFIGURATION LEVEL: In Work | | APPROVED K.CAPOZZI DATE 28-Feb-17 | CAD FILE | DWG SIZE B | REV C | ITEM NO.95-725-107-XXX |
| FINISH | | | | | | PART NO.95-725-107-XXX |