

NOTES:

1. MATERIALS AND FINISHES:

SMA CRIMP PLUG - P/N: 132114  
 CABLE - RG-174/U COAXIAL CABLE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL

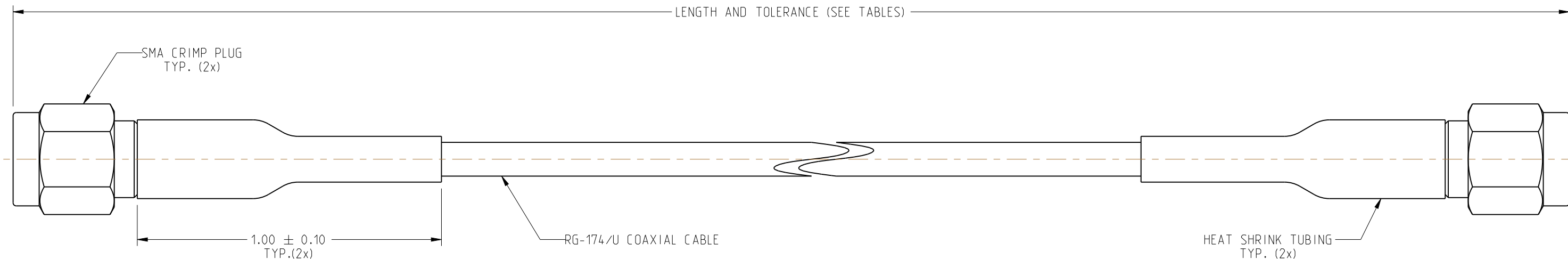
3. PACKAGING:

A. QUANTITY: SINGLE PACK  
 B. BAG TO BE MARKED: AMPHENOL RF, 135101-02-XX.XX, AND DATE CODE

| 135101-02-XX.XX   |     | REVISIONS       |           |      |        |
|-------------------|-----|-----------------|-----------|------|--------|
| DRAWING NO.       | REV | DESCRIPTION     | DATE      | ECO  | APPR   |
| THIRD ANGLE PROJ. | NC  | INITIAL RELEASE | 03-Feb-09 | --   | --     |
|                   | B   | COD SHEET ADDED | 23-Mar-14 | 2710 | KR/BCG |



SCALE 0.750



| ORDERING INFORMATION   |                      |                             |
|------------------------|----------------------|-----------------------------|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH IN INCHES * [METERS] |
| -                      | 135101-02-M0.10      | 3.94 [0.100]                |
| 135101-02-06.00        | -                    | 6.00 [0.152]                |
| -                      | 135101-02-M0.25      | 9.84 [0.250]                |
| 135101-02-12.00        | -                    | 12.00 [0.305]               |
| 135101-02-18.00        | -                    | 18.00 [0.457]               |
| -                      | 135101-02-M0.50      | 19.69 [0.500]               |
| 135101-02-24.00        | -                    | 24.00 [0.610]               |
| -                      | 135101-02-M0.75      | 29.53 [0.750]               |
| 135101-02-36.00        | -                    | 36.00 [0.914]               |
| -                      | 135101-02-M1.00      | 39.37 [1.000]               |
| 135101-02-48.00        | -                    | 48.00 [1.219]               |
| 135101-02-60.00        | -                    | 60.00 [1.524]               |
| 135101-02-72.00        | -                    | 72.00 [1.828]               |

| 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:

FREQUENCY : DC TO 3.0 GHz

VSWR : ----\_1 MAX

INS. LOSS : ---- dBMAX

CONTINUITY

HI-POT : 500 VRMS

OTHER

\* ADDITIONAL LENGTHS CAN BE PROVIDED.  
 CONTACT AMPHENOL RF MARKETING FOR QUOTE

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|   |           |                |           |   |                    |              |
|---|-----------|----------------|-----------|---|--------------------|--------------|
| UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS:<br>2 PLACE DECIMAL ±.015 (0,381 mm)    3 PLACE DECIMAL ±.005 (0,127 mm)    ANGLES ± 1°   | MATERIAL  | DRAWN          | DATE      | TITLE   | Amphenol<br>Connex |              |
|   | SEE NOTES | KARTHIK R      | 06-Mar-14 | SMA CRIMP PLUG TO SMA CRIMP PLUG USING, RG-174/U COAXIAL CABLE, VARIOUS LENGTHS |                    |              |
| NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data. | REFERENCE | ENGINEER       | DATE      |   | SCALE: 3.0:1       | SHEET 2 OF 2 |
|   |           |                | KARTHIK R |   | 06-Mar-14          | DWG SIZE     |
|   |           | APPROVED       | DATE      | B   | 135101-02-XX.XX    |              |
|   |           | B.C. GLEISSNER | 23-Mar-14 |   |                    |              |
|   |           | CAD FILE       |           |   | REV B              |              |

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