

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

DRAWING NO.

THIRD ANGLE PROJ.

REV

NC

B

REVISIONS

DESCRIPTION

INITIAL RELEASE

COD SHEET ADDED

DATE

03-Feb-09

23-Mar-14

ECO

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2710

APPR

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KR/BCG

SCALE 0.750

LENGTH AND TOLERANCE (SEE TABLES)

SMA CRIMP PLUG
TYP. (2x)

1.00 ± 0.10
TYP.(2x)

RG-174/U COAXIAL CABLE

HEAT SHRINK TUBING
TYP. (2x)

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:

2 PLACE DECIMAL ±.015 (0,381 mm)

3 PLACE DECIMAL ±.005 (0,127 mm)

ANGLES ± 1°

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MATERIAL

SEE NOTES

REFERENCE

DRAWN

KARTHIK R

ENGINEER

KARTHIK R

APPROVED

B.C. GLEISSNER

CAD FILE

DATE

06-Mar-14

DATE

06-Mar-14

DATE

23-Mar-14

TITLE

SMA CRIMP PLUG TO SMA CRIMP PLUG USING, RG-174/U COAXIAL CABLE, VARIOUS LENGTHS

Amphenol
Connex

SCALE: 3.0:1

SHEET 2 OF 2

DWG SIZE

B

DRAWING NO.

135101-02-XX.XX

REV

B