NOTES:

I. MATERIALS AND FINISHES:

BODY, BARREL, & SLEEVE - BRASS, ALBALOY PLATING

FERRULE - COPPER, ALBALOY PLATING

CONTACT - BRASS, GOLD PLATING

OUTER CONTACT - PHOSPHOR BRONZE, ALBALOY PLATING INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

B. FREQUENCY RANGE: DC - 6 GHz

C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 100 CYCLES MIN.

B. TEMPERATURE RANGE: -40° C TO +85° C

4. PACKAGING:

A. QUANTITY: SINGLE PACK

B. MARKING: BAG TO BE MARKED

"AMPHENOL RF, 134104, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

A. TRIM CABLE AS SHOWN.

B. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.

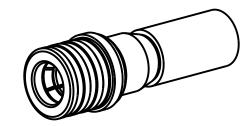
C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.

D. CRIMP FERRULE OVER BRAID WITH 0.255" HEX DIE.

→ 11.09 **→** 2.79 REMOVE FOIL IMM MIN

> RECOMMENDED CABLE STRIPPING DIM'S NOT TO SCALE

THIRD ANGLE PROJ. 🕀 🖯



REVISIONS

APPR

- -

- -

KCE

02649

DATE

08-14-06

12-19-06

06-12-07

12/15/16

DESCRIPTION

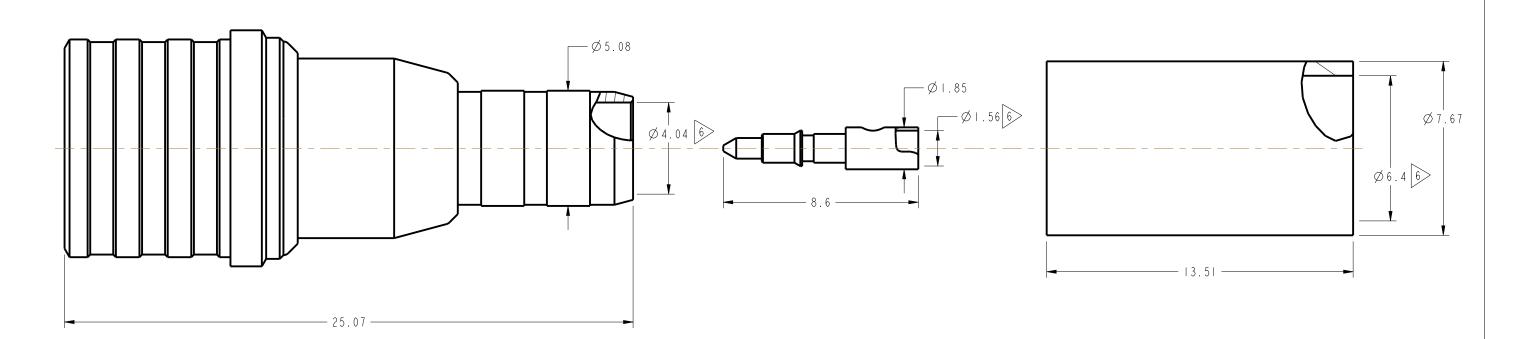
NO. 2 WAS CHANGED \RD-DM06072801C

NO. 5 WAS CHANGED \RD-DM06121501J

NO. 5 WAS CHANGED \RD-DM07060601K

RE-DRAW IN PRO-E, REVISE BODY FOR ADDITIONAL INSULATOR RETENTION

6. SHOWS CABLE ENTRY DIMENSIONS.



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES | MATERIAL | DRAWN | DATE | TITLE | |
|--|------------------------------|------------|-----------|-----------------------------|--|
| \pm 0.05mm \pm 0.1mm \pm 0.2mm \pm 0.3mm \pm 1° | CEE DOM | K. ELMES | 08-Dec-16 | QMA 50 OHM PLUG | Amphenol Kt |
| NOTICE - These drawings, specifications, or other data (I) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are | SEE BOM | ENGINEER | DATE | | |
| | | K. ELMES | 08-Dec-16 | | www.amphenolrf.com |
| 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 | REFERENCE | APPROVED | DATE | | DRAWING NO. QMAII2IAI-AT30GS-LMR240-50 |
| not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell | | K. CAPOZZI | 12/15/16 | SCALE: 2.0:1.0 SHEET 2 OF 2 | |
| any product, process or design, patentéd or otherwise, that may in any way be | CONFIGURATION LEVEL: In Work | CAD FILE | | DWG SIZE REV | |
| related to or disclosed by said drawings, specifications, or other data. | FINISH | _ | | B L | PART NO. 134104 |