NOTES:

I. MATERIALS AND FINISHES:

- BRASS - GOLD PLATED

BODY - BRASS - WHITE BRONZE PLATED SLEEVE - BRASS - WHITE BRONZE PLATED FERRULE - BRASS - WHITE BRONZE PLATED - BRASS - WHITE BRONZE PLATED

OUTER CONTACT - PHOSPHOR BRONZE - WHITE BRONZE PLATED

INSULATOR - PTFE

2. PHYSICAL:

A. OPERATING TEMPERATURE = -65°C to +165°C

= PER MIL-STD-348. SMA SERIES B. INTERFACE

C. CONTACT RETENTION = 6.0 LBS. AXIAL

3. ELECTRICAL:

A. FREQUENCY RANGE = DC to 6 GHz = 1.15 + .03F

4. CABLE ASSEMBLY INSTRUCTIONS PER:

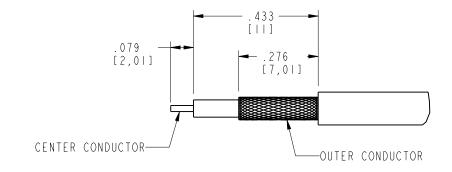
A. TRIM CABLE AS SHOWN

B. INSERT CABLE INTO R/A ENTRY W/ BRAID OVER KNURLED AREA, FOIL UNDER

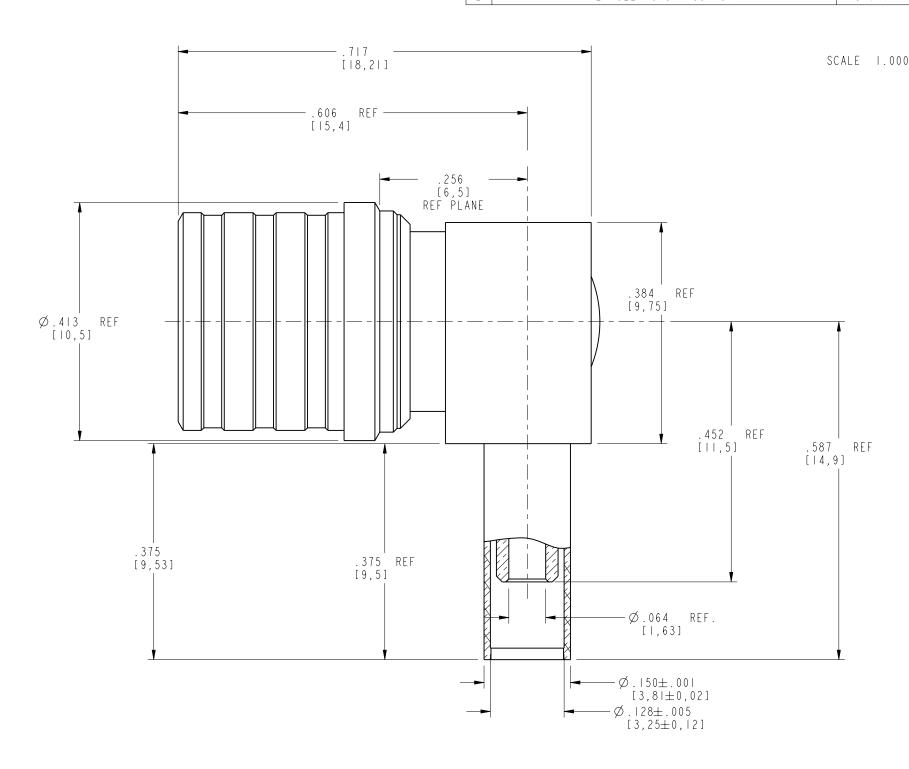
CRIMP FERRULE W/ .128 HEX

D. SOLDER CENTER CONDUCTOR TO CONTACT THROUGH ACCESS HOLE E. DEPRESS EXPANSION CAP IN ACCESS HOLE.

RECOMMENDED CABLE STRIPPING DIMENSIONS



930-118P-51A REVISIONS DRAWING NO REV DESCRIPTION DATE ECO APPR THIRD ANGLE PROJ. 2/13/04 $\oplus \ \exists$ Α RELEASE TO MFG 44810 В FERRULE TO 31-1357-3XH 3/9/04 44829



DATE

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 J LEBLANC 10/10/03 $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) 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 ENGINEER DATE K. CAPOZZI 3/21/03 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 REFERENCE APPROVED DATF FAR #1134 O. BARTHELMES 2/13/04 GEN #ASSYMI_QMA CAD FILE I:\QMA\930-II8P-5IA or disclosed by said drawings, specifications, or other data.

DRAWN

MATERIAL

QMA 50 OHM R/A PLUG FOR RG-316 TYPE CABLE

Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com

SCALE: 6.0:1 SHEET 2 OF 2

REV

74868

CODE ID DWG SIZE DRAWING NO 930-118P-51A

В

Mouser Electronics

Authorized Distributor

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