NOTES:

I. MATERIALS AND FINISHES:

BODY: BRASS, GOLD PLATING CONTACT: BERYLLIUM COPPER, GOLD PLATING. BULLET BODY - BERYLLIUM COPPER. GOLD PLATING BULLET CONTACT - BERYLLIUM COPPER, GOLD PLATING SLEEVE - BERYLLIUM COPPER, GOLD PLATING INSULATOR: PTFE

2. PHYSICAL:

A. OPERATING TEMPERATURE: -65°C to +165°C B. DURABILITY: 100 MATING CYCLES MINIMUM C. INTERFACE: PROPRIETARY AFI INTERFACE

3. ELECTRICAL: A. IMPEDANCE: 50 OHMS, NOMINAL B. FREQUENCY RANGE: 0 TO 6 GHz

C. VSWR: 1.10 + 0.06 x F (GHz) MAX, FROM 0 TO 3 GHz 0.56 + 0.24 x F (GHz) MAX, FROM 3 TO 6 GHz

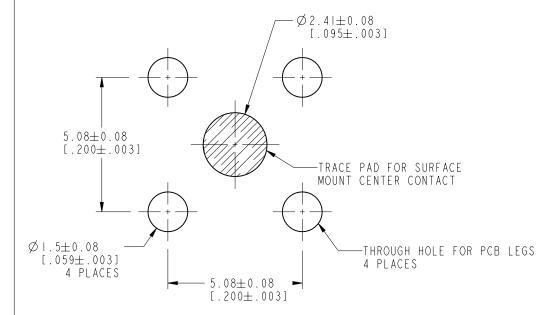
D. SEE 349-50861 FOR RECOMMENDED LAUNCH

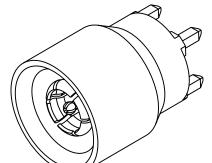
4. PACKAGING:

A. SINGLE PACK IN BAG.

B. MARK BAG OR TAG: AMPHENOL RF 920-263P-51P DATE CODE (YYWW)

5. ADD DIM "B" FROM PLUG AND DIM "A" FROM JACK OF TWO MATING CONNECTORS TO FIND THE NOMINAL BOARD-TO-BOARD SPACING. AXIAL FLOAT IS  $\pm 0.50 \, [0.020]$ RADIAL FLOAT IS  $\pm 0.38$  [0.015"]





SCALE 3.000 Ø10.97 -Ø8.9 -5.08 TYP. ——• [.432] [.350] [.200] 1.75 SQ. [.069] TYP, (4) \_\_ 0.95 SQ. [.037] TYP. (4) ➡ 3.86 TYP. ➡ [.152] [.106] - II.68 REF. -[.460] TYP. - 12.29 [.484] -MOUNTING SURFACE TO REFERENCE PLANE DIM "B" - SEE NOTE 5 · 12.85 TYP. — [.506]

THIRD ANGLE PROJ. 🕀 🖯

REV

## **CUSTOMER OUTLINE DRAWING**

REVISIONS

DATE

06 - Aug - 13

ECO

49535

APPR

TD

DESCRIPTION

RELEASE TO MFG

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: MATERIAL DATE TITLE DRAWN Amphenol RF <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm 05-Feb-13 RAJAVIJAYAN S  $\pm$  0.05mm  $\pm\,$ 0 . Imm ±0.2mm AFI STR PLUG SEE NOTES NOTICE - These drawings, specifications, or other data (I) are, and remain the ENGINEER DATE property of Amphenol corp.' (2) must be returned upon request; and (3) are PCB MOUNT www.amphenolrf.com 05-Feb-13 T. SMITH 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 to 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 EAR # APPROVED DATE DRAWING NO.920-263P-51P S.HSIEH SCALE: 8.0:1.0 | SHEET | 2 OF 2 06 - Aug - I3 ITEM NO 920-263P-51P CONFIGURATION LEVEL: CAD FILE DWG SIZE REV PART NO 920-263P-51P Α FINISH