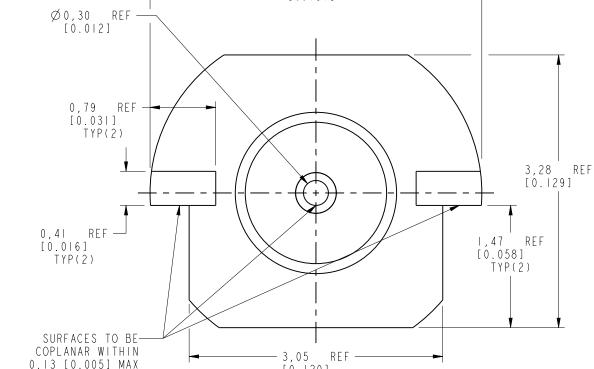
NOTES: THIRD ANGLE PROJ. 🕀 🖯 REVISIONS DESCRIPTION 5. PACKAGING: I. MATERIALS AND FINISHES: RELEASE TO MFG. BODY - BRASS, GOLD PLATING CONTACT - BeCu, GOLD PLATING INSULATOR - PTFE , NATURAL A. QUANTITY: SINGLE PACK B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 925-169J-51P, AND DATE CODE" 4,19 [0.165] A. IMPEDANCE: 50 OHM B. FREQUENCY RANGE: DC - 40 GHz 0,38 MIN — C. VSWR (RETURN LOSS): 1.15:1 MAX (23 dB MIN) AT DC-10 GHz 1.25:1 MAX (19 dB MIN) AT 10-26.5 GHz [0.015] 1.35:1 MAX (17 dB MIN) AT 26.5-40 GHz 3,20 5,38 CONNECTOR ONLY. PERFORMANCE WILL VARY [0.126] [0.212] BASED ON BOARD LAYOUT D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN. E. INSULATOR RESISTANCE: 5000 MEGAOHMS MIN F. CONTACT RESISTANCE: CENTER CONTACT: 6 MILLIOHM, MAX 2,24 MAX — — 9,40 [0.088] [0.370] RECOMMENDED A. ENGAGEMENT FORCE: 2.5 LBS TYP. B. DISENGAGEMENT FORCE: 1.5 LBS TYP. PCB LAYOUT C. CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE SOLDER FOOTPRINT ONLY. D. DURABILITY: 100 CYCLES MIN. E. TEMPERATURE RANGE: -65°C TO +165°C PERFORMANCE WILL VARY BASED ON BOARD LAYOUT - 5.72 REF -[0.225] Ø3,99 REF — [0.157] Ø0.30 REF 4.20 REF [0.012] [0.165] 0.79 REF [0.031]



[0.120]

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

DRAWN DATE TITLE B. GREENBAUM 10-Mar-17 SMPM STR JACK ENGINEER DATE SMOOTH BORE, B. GREENBAUM 10-Mar-17 EDGE MOUNT

SCALE: 22.0:1.0 SHEET 2 OF 2

DWG SIZE

В

	www.amphenolrf.com
0	DRAWING NO. 925-169J-51P
RFV	ITEM NO. 925-169J-51P
2	PART NO 925-169J-51P

Amphenol RF

ECO

4003

DATE

07 - Jun - 17

SCALE 7.000

APPR

BMG

<0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ±0.2mm ± 0.3mm $\pm\,$ 0.lmm 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 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.

INTERFACE PER-

SERIES: SMPM JACK.

MIL-STD-348

SMOOTH BORÉ

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: MATERIAL SEE NOTES DATE FAR# 7607 APPROVED K. CAPOZZI 07 - Jun - 17 CONFIGURATION LEVEL: In Work CAD FILE

FINISH