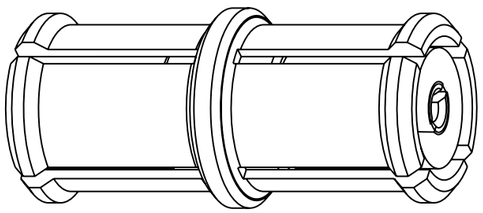
NOTES:

1. MATERIALS AND FINISHES:
   BODY - BeCu, GOLD PLATING, .000030" [0.8 um] THICK OVER NICKEL
   CONTACT - BeCu, GOLD PLATING, .000030" [0.8 um] THICK OVER NICKEL
   INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 26.5 GHz
   C. VSWR(RETURN LOSS): 1.2 (20.8 dB), MAX. DC-10GHz
      1.4 (15.6 dB), MAX. 10-18GHz
      1.5 (14 dB), MAX. 18-26.5GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO 165°C
   C. ENGAGEMENT FORCE: 15 LB [67 N] MAX
   D. DISENGAGEMENT FORCE: 2 LB [9 N] MIN
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL, SMP-FSBA-739, AND DATE CODE"

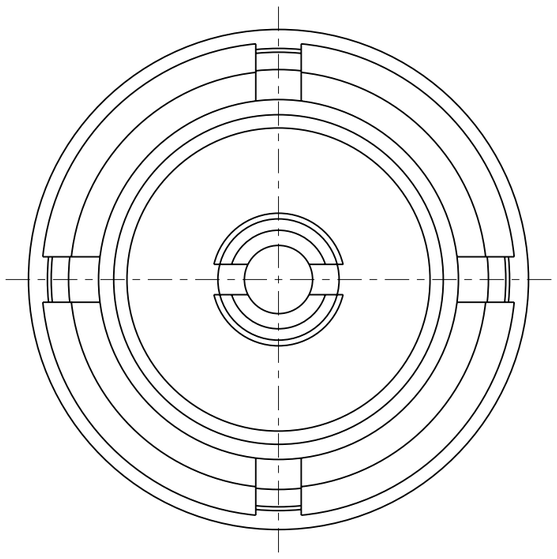
THIRD ANGLE PROJ.

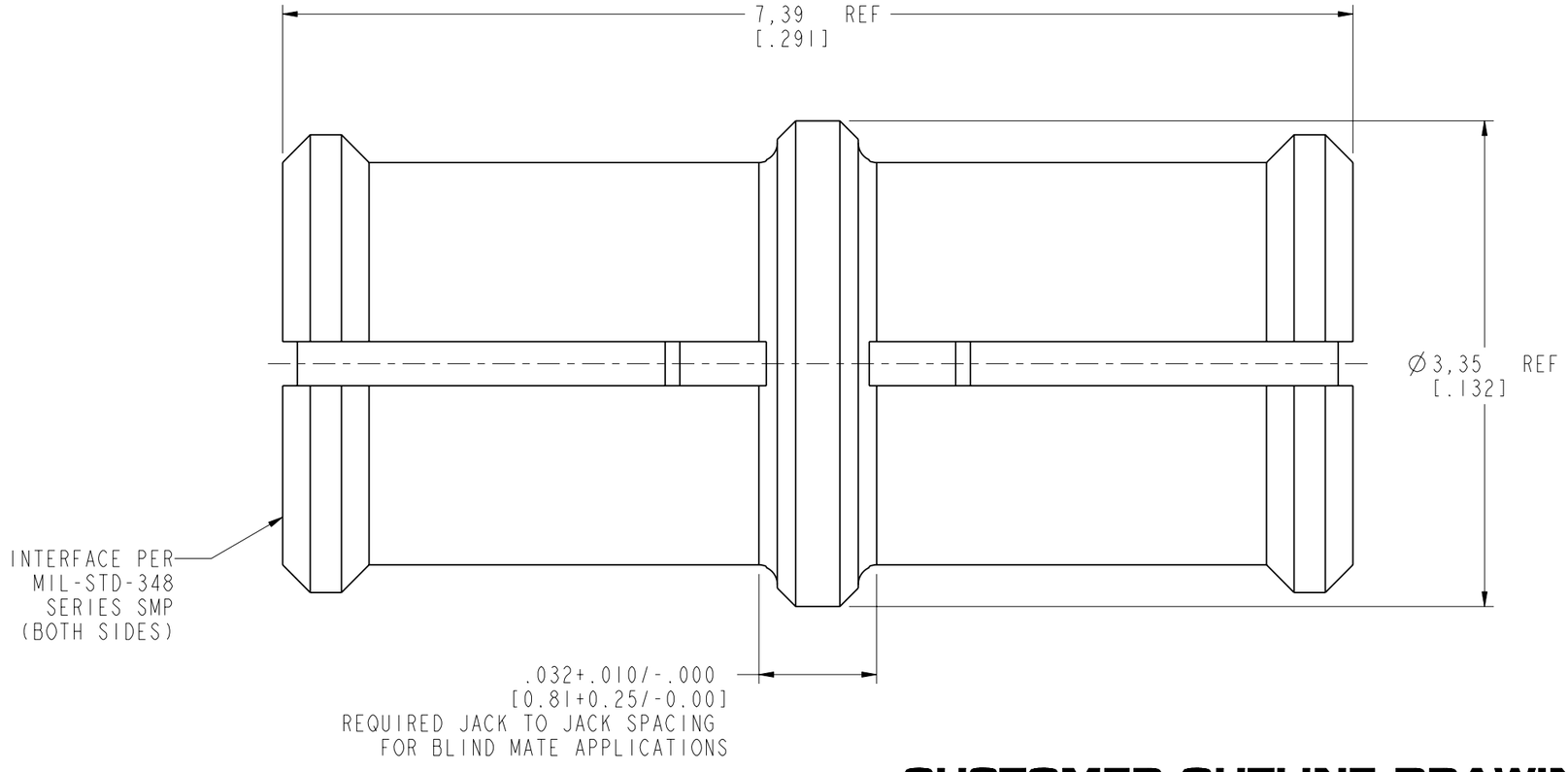
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	18-Apr-14	49521	DD



SCALE 10.000





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
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL
-

REFERENCE
EAR # 1693 AND 615X-1718-100

CONFIGURATION LEVEL: □□□

FINISH

DRAWN M.ZHANG	DATE 18-Apr-14	
ENGINEER OWEN BARTHELMES	DATE 06-Feb-13	
APPROVED S.HSIEH	DATE 18-Apr-14	
CAD FILE		

TITLE
SMP BULLET PLUG
F-F, 7.39MM LENGTH

SCALE: 25.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. SMP-FSBA-739
ITEM NO. SMP-FSBA-739
PART NO. SMP-FSBA-739