

NOTES:

1. MATERIALS AND FINISHES:

BODY - BERYLLIUM COPPER - GOLD PLATED OVER WHITE BRONZE
CONTACT - BERYLLIUM COPPER - GOLD PLATED OVER WHITE BRONZE
SLEEVE - BREYLLIUM COPPER - GOLD PLATED OVER WHITE BRONZE
INSULATORS - PTFE

2. ELECTRICAL:

A. IMPEDANCE = 50 OHM, NOMINAL
B. FREQUENCY RANGE = DC TO 6.0 GHz
C. RETURN LOSS = -25 dB MAXIMUM
D. INSERTION LOSS = 0.05 dB MAXIMUM
E. ISOLATION = -70 db MAXIMUM

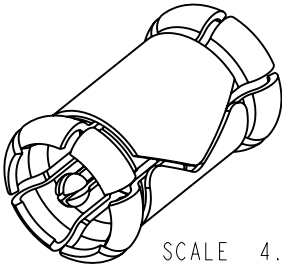
3. MECHANICAL:

A. DURABILTIY = 500 CYCLES MIN.
B. TEMPERATURE RANGE = -65° C TO +165° C
C. ENGAGEMENT FORCE = 5.0 LBS MAX.
DISENGAGEMENT FORCE = 0.5 LBS. MIN.

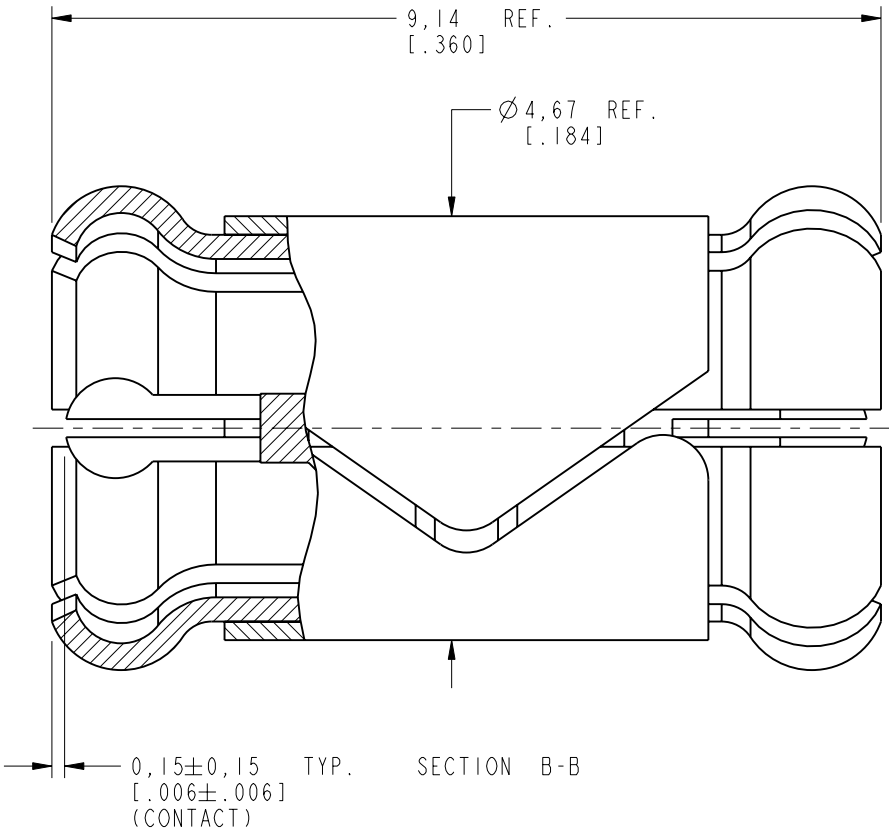
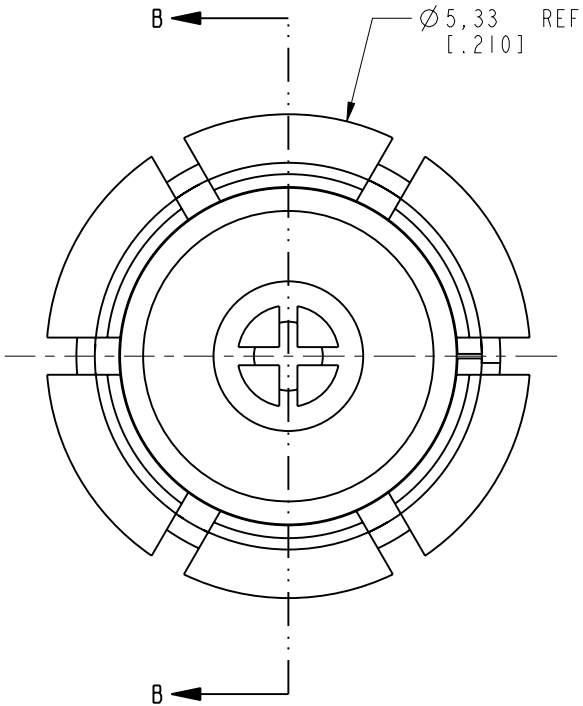
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|--|-----------|-------|-------|
| A | RELEASE TO MFG. | | | KJC |
| B | SPRING RING WAS CHANGED\RD-DM07011902C | 24-Jan-07 | 47504 | CISSY |
| C | P/N. OF SPRING RING WAS CHANGED\RD-DM110810011 | 16-Aug-11 | 48742 | SCOTT |
| D | Ø4.67 REF WAS Ø4.67 | 15-Dec-14 | | RM |



SCALE 4.000



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° | MATERIAL SEE NOTES | DRAWN I.XU | DATE 13-Aug-11 | TITLE 50 OHM AFI BULLET NO NICKEL UNDERPLATE | | Amphenol RF www.amphenolrf.com | |
| | | ENGINEER C.WANG | DATE 24-Jan-07 | | | | |
| | | APPROVED S.HSIEH | DATE 15-Dec-14 | | | | |
| | | REFERENCE GEN# ASSYMI_AFI | SCALE: 12.0:1.0 | | SHEET 2 OF 2 | DRAWING NO. 920-169A-51S | |
| | | FINISH | I:\AFI\920-169A-51S | | DWG SIZE B | REV D | ITEM NO. 920-169A-51S |
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