

NOTES:

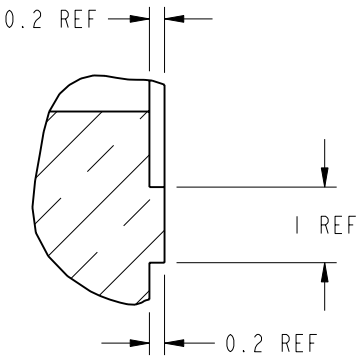
1. MATERIALS AND FINISHES:
BODY - BRASS, WHITE BRONZE PLATING
CONTACT-OUTER - PHOSPHOR BRONZE, SILVER PLATING
CONTACT - BeCu, SILVER PLATING
INSULATOR - PTFE, NATURAL
O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR: 1.08 MAX.@ DC -3 GHz
D. INSERTION LOSS: 0.05XSQRT[F(GHz)] 1dB MAX.
E. VOLTAGE RATING: 500 VRMS
F. DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS MIN.
G. INSULATION RESISTANCE: 5000 MΩ MIN.
H. INTERMODULATION 3RD ORDER: -166 dBc MAX. (2 X 43 dBm)
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO +165° C
C. COMPATIBLE WITH ALL STANDARD 4.3/10 PLUGS

4. PACKAGING:
A. QUANTITY: PACK 10PCS/TRAY
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 431-116J-52S, AND DATE CODE"

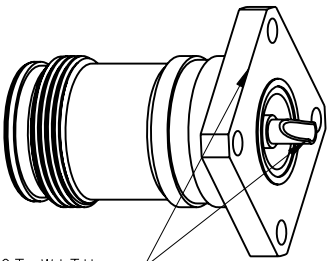
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	16-Aug-16	01321	KCE
B	NOTE 3A 100 WAS 500	1/9/17	02802	KCE

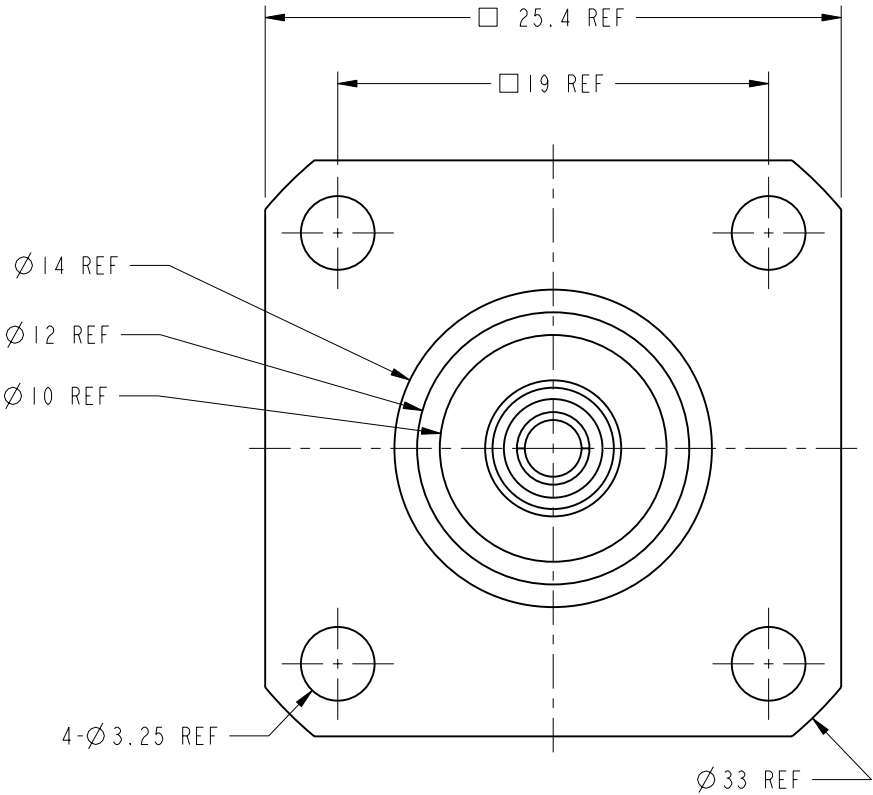
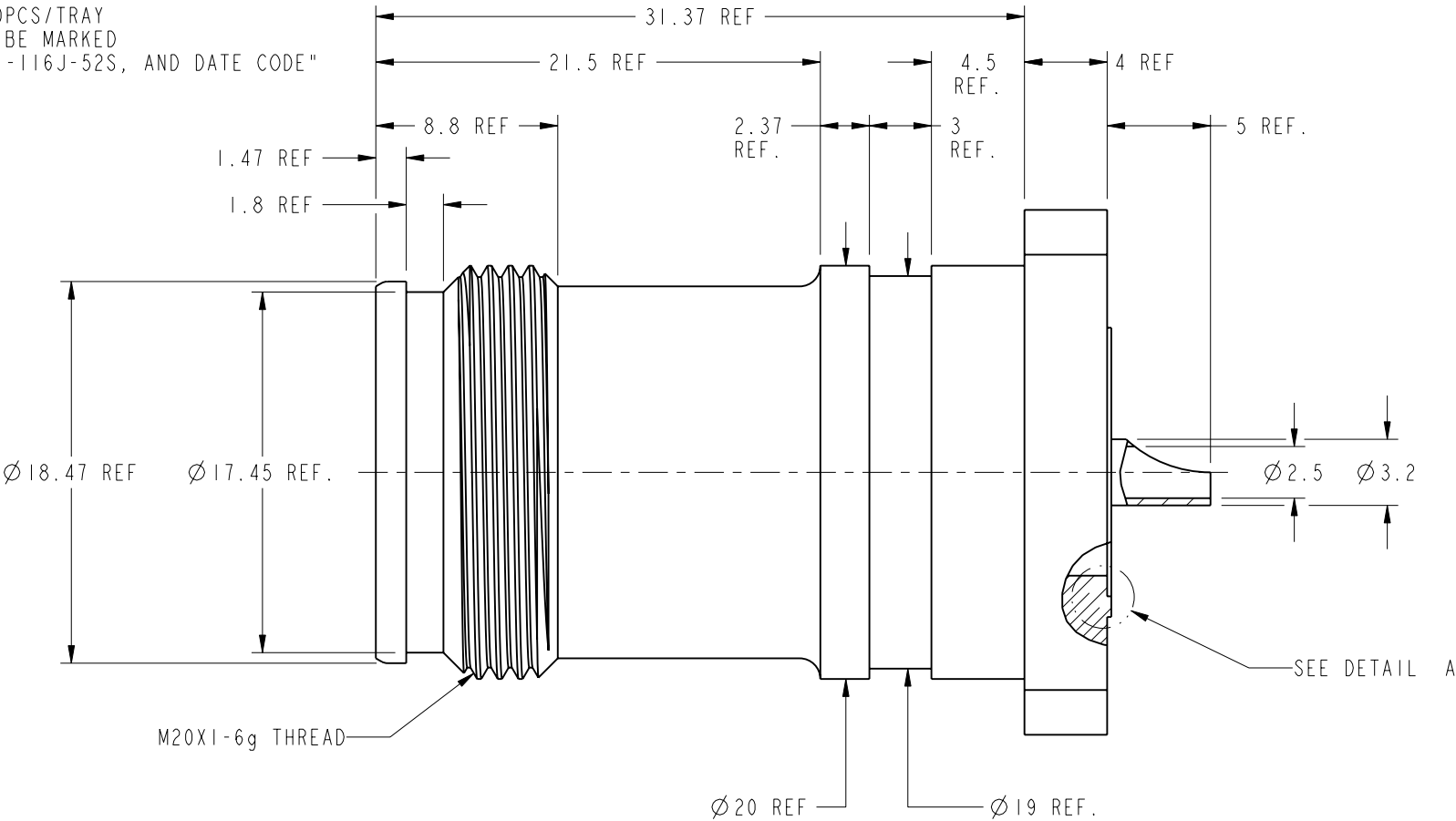


DETAIL A
SCALE 10.000



ALIGN FLAT SECTION OF CENTER CONTACT WITH
RESPECT TO FLANGE WITHIN ±5° AS SHOWN

SCALE 1.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL

SEE NOTES

REFERENCE
EAR # 6645

CONFIGURATION LEVEL: In Work

FINISH

DRAWN

K. SONG

ENGINEER
SUNDE

APPROVED
S. HSIEH

CAD FILE

DATE

16-Jan-17

DATE

17-Aug-16

DATE

17-Jan-17

TITLE

4.3/10 STR JACK 4 HOLE
FLANGE RECEPTACLE IP-67

SCALE: 3.0:1.0

DWG SIZE
B

SHEET 2 OF 2

REV
B

Amphenol RF

www.amphenolrf.com

DRAWING NO. 431-116J-52S

ITEM NO. 431-116J-52S

PART NO. 431-116J-52S