

NOTES:

1. MATERIALS AND FINISHES:
 BODY - ZINC ALLOY, MATTE TIN PLATING
 CONTACT - BRASS, GOLD PLATING
 INSULATOR - PTFE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM, NOMINAL
 B. FREQUENCY RANGE: DC - 4 GHz
 C. VSWR (RETURN LOSS): 1.2 (21 dB), MAX.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.
3. MECHANICAL:
 A. DURABILITY: 100 CYCLES MIN.
 B. TEMPERATURE RANGE: -55° C TO 165° C
 C. CONNECTOR-BOARD RETENTION: 110N MIN., AXIAL
 D. TEST AGL AFTER REFLOW - CONTACT MUST WITHSTAND 4 LBS PUSH OUT FORCE FROM LEG SIDE AND STILL MAINTAIN THE DIMENSION SHOWN
4. PACKAGING:
 A. QUANTITY: TAPE AND REEL
 B. MARKING: REEL TO BE MARKED
 AMPHENOL RF, 2FA1-WKSP-1000, AND DATE CODE
5. REFLOW OVEN TEMPERATURE 250°C MAX.

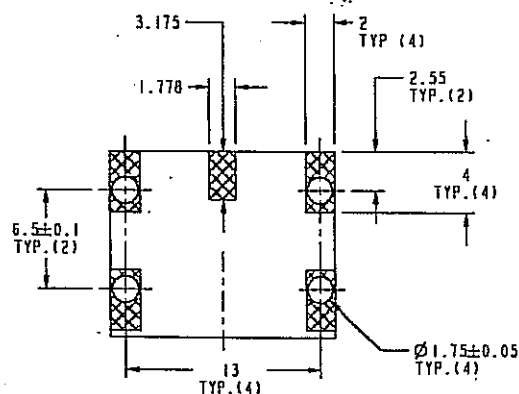
THIRD ANGLE PROJ.

REVISIONS

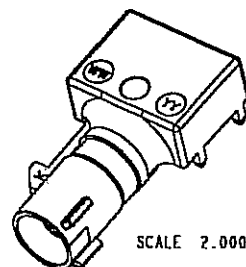
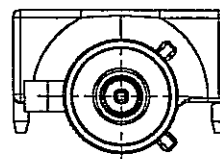
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	08-23-07	46725	HP

CUSTOMER OUTLINE DRAWING

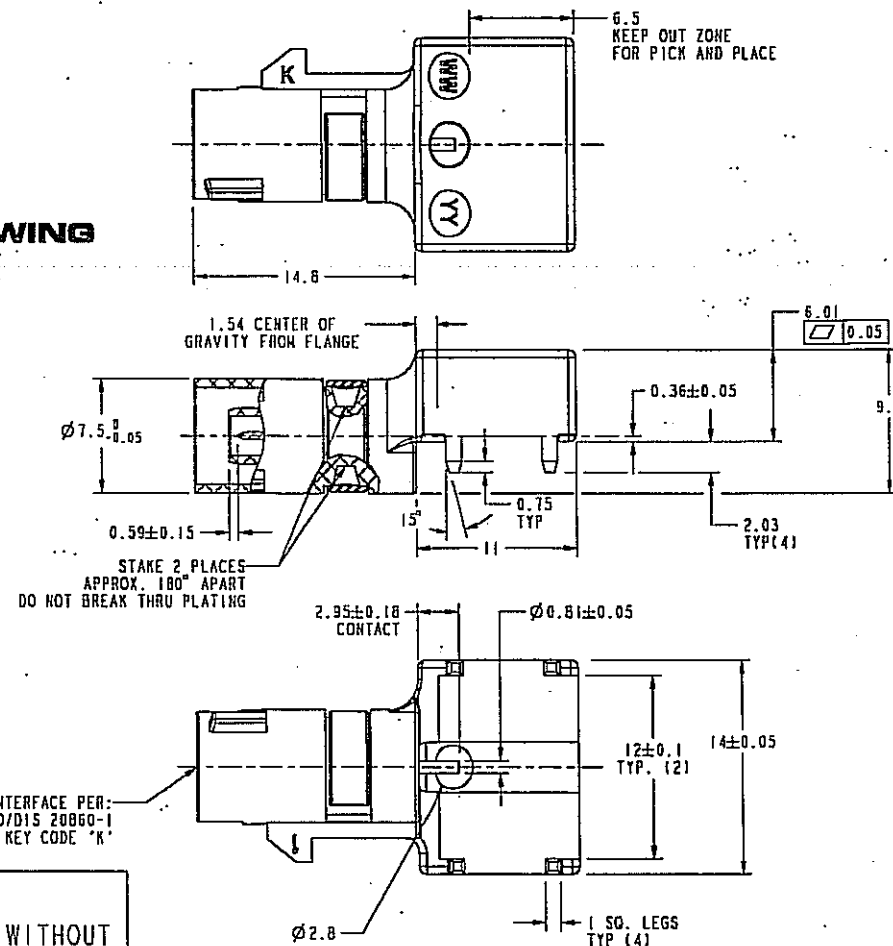
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY



**RECOMMENDED PCB
LAYOUT**
SCALE 3.000



SCALE 2.000



INTERFACE PER:
150/D15 20860-1
PLUG, KEY CODE 'K'

CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

METRIC DRAWING

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE METRIC AND TOLERANCES ARE:
 1 PLACE DECIMAL ± 0.3MM (0.012")
 2 PLACE DECIMAL ± 0.10 MM (0.004")
 ANGLES ± 1°

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MATERIAL

REFERENCE: EAR #1839 AND 615X-2205-300-X
 CONFIGURATION LEVEL: Prototype

FINISH

DRAWN
EMILY

ENGINEER
H. PARIKH

APPROVED
Andy C.

CAD FILE

1:VFAKRA12FA1-WKSP-1000

DATE
31-May-07

DATE
31-May-07

DATE
08-23-07

TITLE
BODY

FAKRA, M

EDGE LAUNCH, PIN & PASTE

SCALE: 3.0:1.0

DWG SIZE
B

SHEET 2 OF 3

CODE 10
7486B

REV
A

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. 2FA1-WKSP-1000

ITEM NO. 2FA1-WKSP-1000

PART NO. 2FA1-WKSP-1000