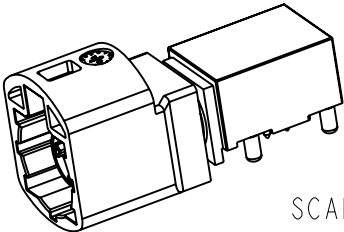


NOTES:

1. MATERIALS AND FINISHES (IN MICRO-INCHES):

- BODY = ZINC DIECAST, SOLDERABLE NICKEL PLATED
- CONTACT = COPPER ALLOY, GOLD PLATED
- INSULATOR = HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK
- HOUSING = HIGH TEMPERATURE THERMOPLASTIC, COLOR & KEYING PER TABLE
- COVER = STAINLESS STEEL, NATURAL



SCALE 1.500

2. ELECTRICAL:

- A. IMPEDANCE: 100 OHM NOMINAL
- B. FREQUENCY RANGE: DC- 2 GHz
- C. RETURN LOSS: -20 dB MIN .(DC-1 GHz)
- 17 dB MIN .(DC-2 GHz)
- D. INSERTION LOSS: -0.3 dB MAX .(DC-2 GHz)
- E. SKEW(BETWEEN SIGNAL CONTACTS) 5 PSEC. MAX.
- F. CROSSTALK: -30 dB MAX.
- G. CENTER CONTACT RESISTANCE : 10 mΩ MAX.
- H. OUTER CONTACT RESISTANCE : 7.5 mΩ MAX.
- I. D.W.V.: 500 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY: 25 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO 105° C
- C. HOUSING RETENTION: 110N MIN. AXIAL

4. ORDER P/N SYSTEM AND PACKAGING:

HSD-NXRP-PCB12X

- A=PACKAGING IN TAPE & REEL
- B=PACKAGING IN TRAY
- C=SINGLE PACK

- A. PACKAGING MARKING: AMPHENOL RF
- HSD-NXRP-PCB12X
- DATE CODE

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

CODING	DRAWING NUMBER	COLOR	RAL NO.
A	HSD-NARP-PCB12X	JET BLACK	9005
B	HSD-NBRP-PCB12X	CREAM	9001
C	HSD-NCRP-PCB12X	SIGNAL BLUE	5005
D	HSD-NDRP-PCB12X	CLARET VIOLET	4004
E	HSD-NERP-PCB12X	LEAF GREEN	6002
F	HSD-NFRP-PCB12X	NUT BROWN	8011
Z	HSD-NZRP-PCB12X	WATER BLUE	5021

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°

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.

MATERIAL

REFERENCE
EAR # 5062 AND
CONFIGURATION LEVEL:

FINISH

DRAWN
K.LIAO

ENGINEER
J.YANG

APPROVED
S.HSIEH

CAD FILE

DATE
25-Aug-14

DATE
25-Aug-14

DATE
25-Aug-14

TITLE
HSD R/A PLUG
LOW PROFILE

SCALE: 4.0:1.0 SHEET 1 OF 2
DWG SIZE B REV A

Amphenol RF

www.amphenolrf.com

DRAWING NO. HSD-NXRP-PCB12X

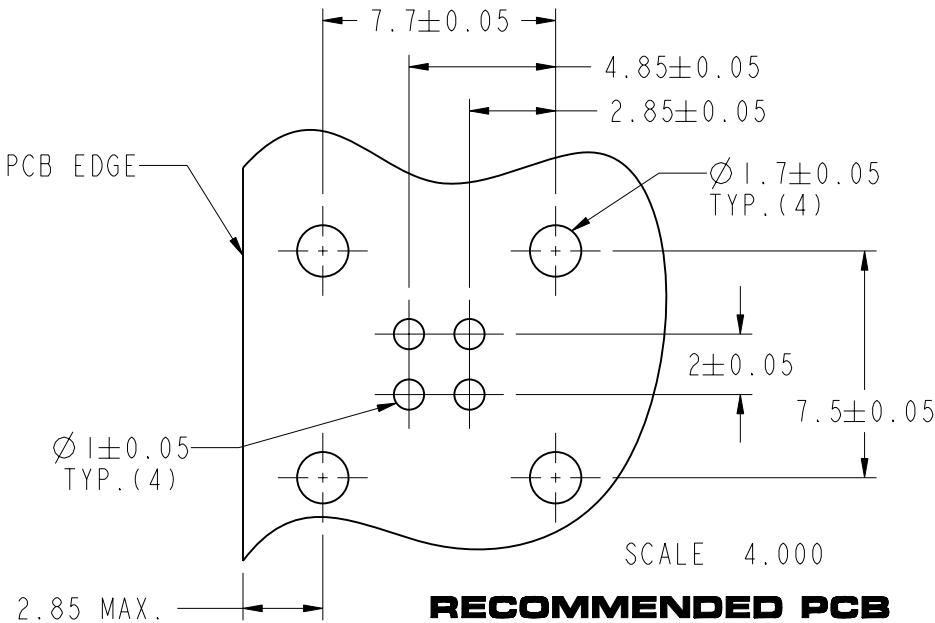
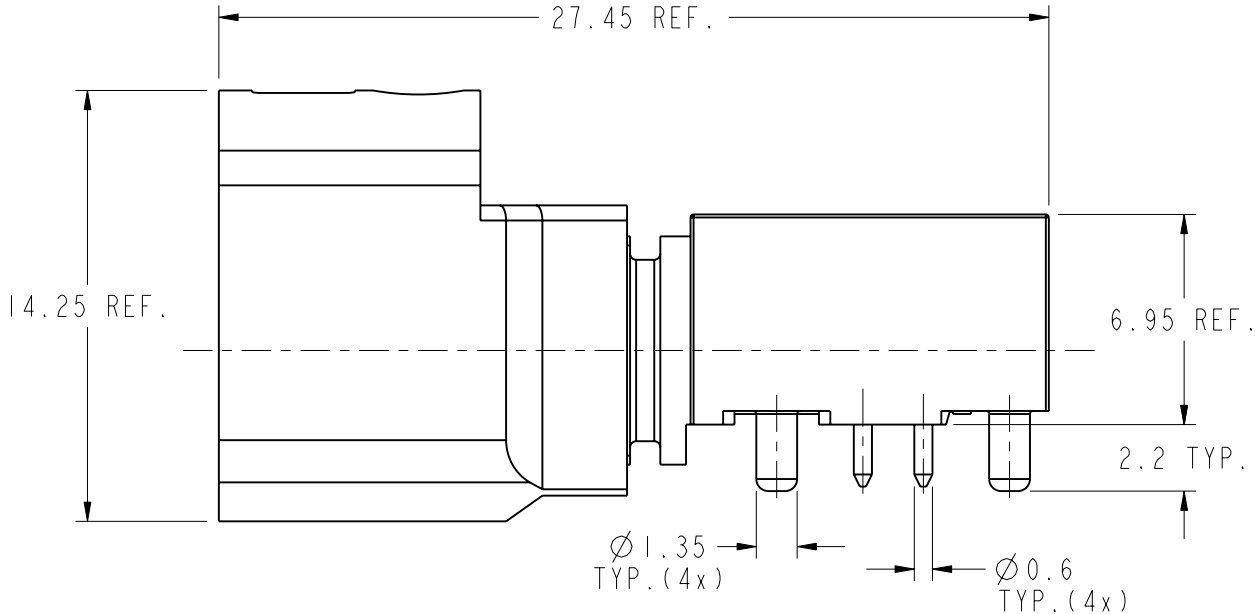
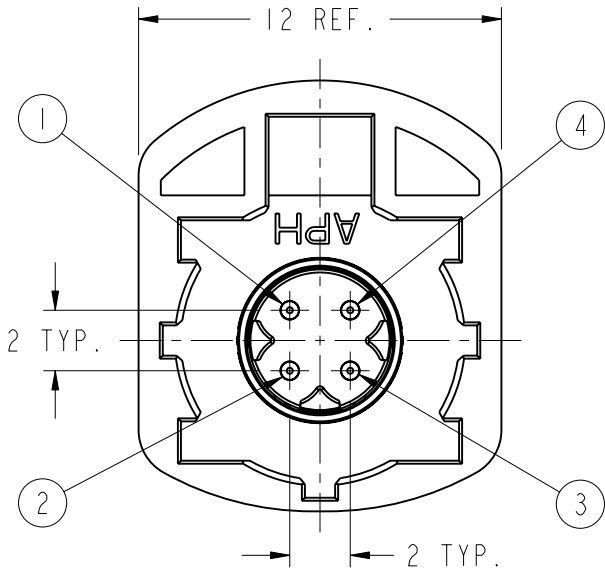
ITEM NO. HSD-NXRP-PCB12X

PART NO. HSD-NXRP-PCB12X

THIRD ANGLE PROJ.

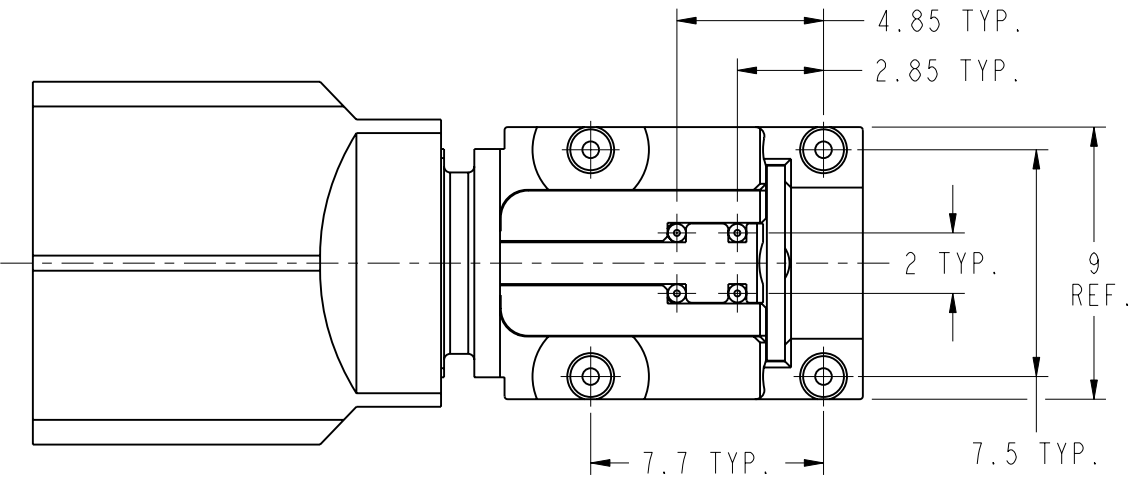
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-Aug-14	50160	JY



SCALE 4.000

RECOMMENDED PCB
LAYOUT



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY