

NOTES:

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

- BODY = ZINC ALLOY, MATTE TIN PLATED
CONTACT = COPPER ALLOY, GOLD PLATED (INTERFACE AREA)
 MATTE TIN PLATED (OTHER AREA)
INSULATOR = HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK
HOUSING = HIGH TEMPERATURE THERMOPLASTIC, COLOR & KEYING PER TABLE
COVER = ZINC ALLOY, NICKEL PLATED

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-PCBA3X
A=PACKAGING IN TAPE & REEL 250PCS/REEL
B=PACKAGING IN TRAY
C=SINGLE PACK
CODING

- A. PACKAGING MARKING: AMPHENOL RF
HSD-NXRP-PCBA3X
DATE CODE

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

CODING	DRAWING NUMBER	COLOR	RAL NO.
A	HSD-NARP-PCBA3X	JET BLACK	9005
B	HSD-NBRP-PCBA3X	CREAM	9001
C	HSD-NCRP-PCBA3X	SIGNAL BLUE	5005
D	HSD-NDRP-PCBA3X	CLARET VIOLET	4004
E	HSD-NERP-PCBA3X	LEAF GREEN	6002
F	HSD-NFRP-PCBA3X	NUT BROWN	8011
Z	HSD-NZRP-PCBA3X	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°

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MATERIAL

REFERENCE
EAR # AND
CONFIGURATION LEVEL:

FINISH

DRAWN
P.YU

ENGINEER
J.YANG

APPROVED
S.HSIEH

CAD FILE

DATE
09-Dec-15

DATE
13-Aug-14

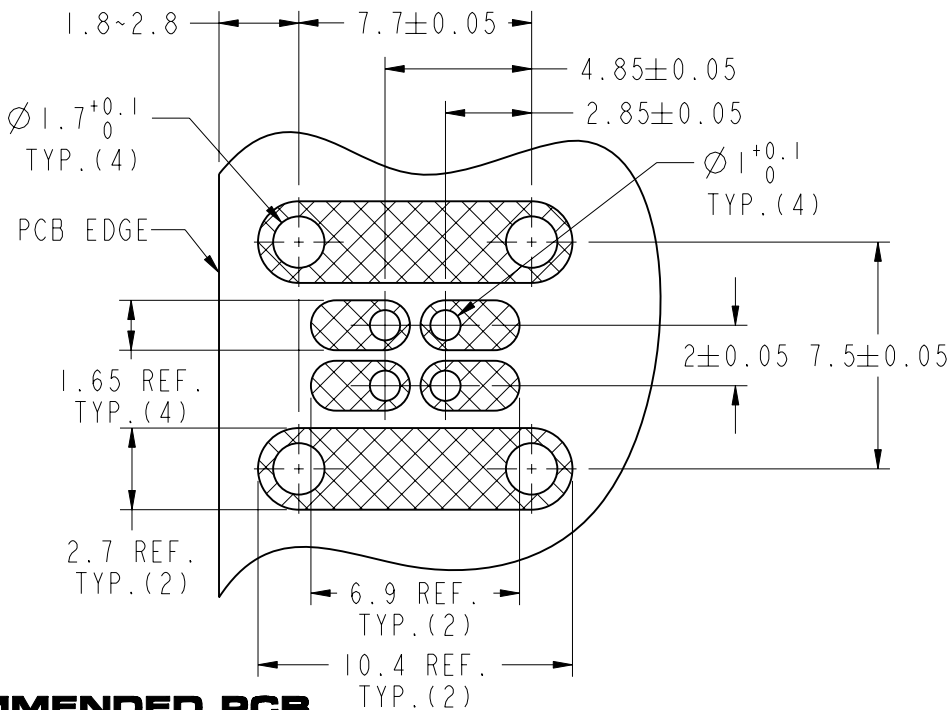
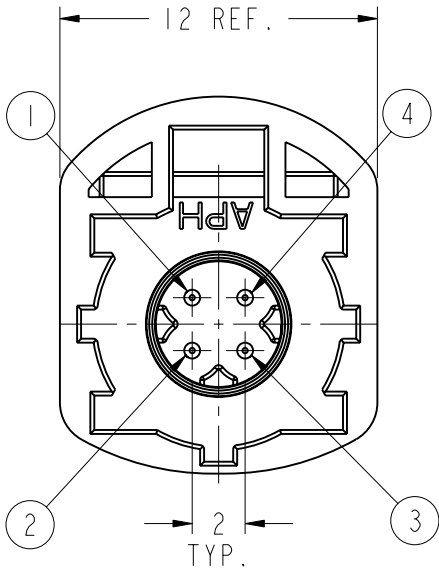
DATE
06-Dec-16

TITLE
HSD R/A PLUG
LOW PROFILE

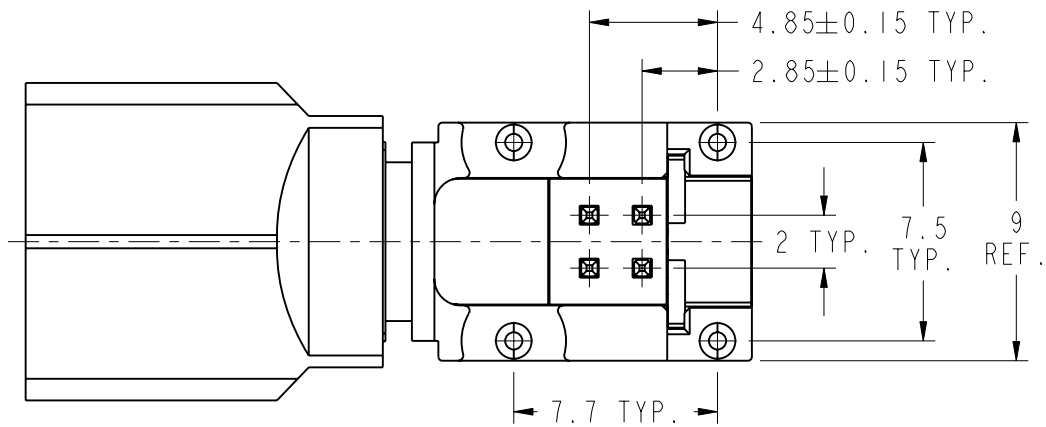
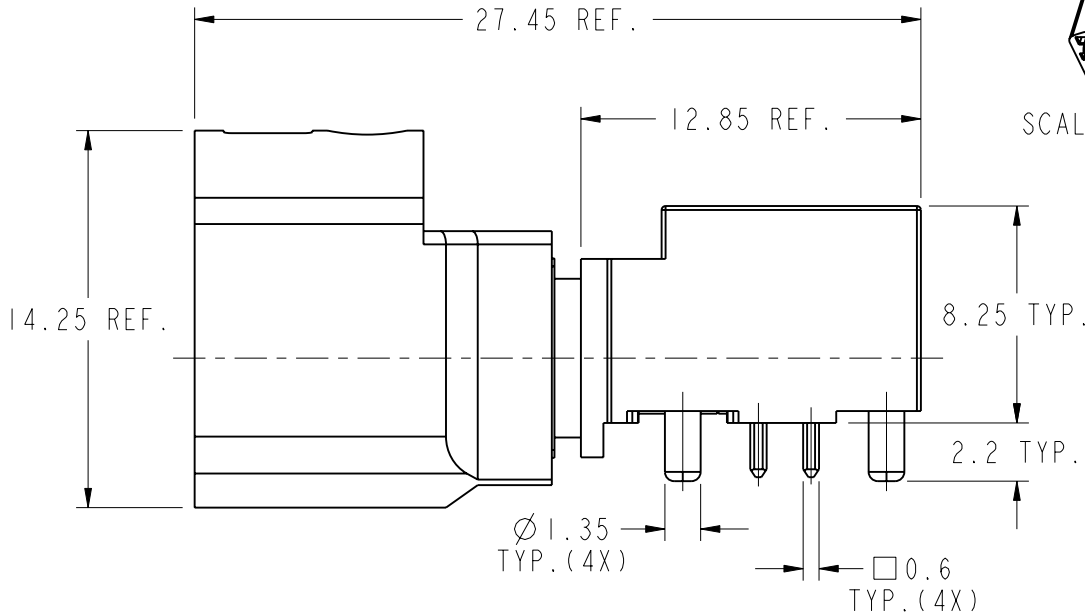
SCALE: 4.0:1.0 SHEET 1 OF 1
DWG SIZE B

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Dec-16	-----	PY



RECOMMENDED PCB LAYOUT



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

www.amphenolrf.com

DRAWING NO. HSD-NXRP-PCBA3X

ITEM NO. HSD-NXRP-PCBA3X

PART NO. HSD-NXRP-PCBA3X