RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

VARIATIONS IN BOARD MATERIAL AND TRACE MAY REQUIRE DIFFERENT GEOMETRY
PLEASE CONTACT AMPHENOL RF FOR LAUNCH OPTIMIZATION

CONFIGURATION-0

SCALE 3.000

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
+0.05mm • +0.02mm
-0.05mm • -0.02mm
ANGLES ±5.0’

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MATERIAL

REFERENCE DRAWN DATE
ER # 4028 M.ZHANG 03-Mar-16
CONFIDENTIALITY: In Matt

FINISH

TITILE HD BNC RA BHD
JACK PCB MOUNT

SCALE: 5.0:1 SHEET 3 OF 6
DRAWING NO. 34-1030-12G
ITEM NO. 34-1030-12G
PART NO. 34-1030-12G
www.ampenolrf.com

Amphenol RF

0.64 (0.025)
1.00
TYP ALL

Ø 0.06 (0.023)
PAD SIZE

2.04 TYP.
1.100

Ø 0.25 (0.028)
PAD SIZE

1.96 (0.030)
PLATED THROUGH HOLE 10

0.36 (0.014)
Er = 4.60

0.03 (0.001)
0.36 (0.014)

0.02 (0.001)
0.36 (0.014)

0.14 (0.005)
1.020

0.66 (0.026)
TYP

0.82 (0.032)

1.10 (0.043)

3.65 (0.144)

0.15 (0.006)

0.45 (0.0175)

0.31 (0.012)
Er = 4.60

0.05 (0.002)

0.03 (0.001)

0.05 (0.002)

1.57 (0.062)

0.36 (0.014)
Er = 4.60

CAD FILE

REV

A
RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

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BOTTOM LAYER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
±0.05mm 0.002" 0.5mm 0.0002" 0.25mm 0.0001" 0.2mm 0.0001" 0.5mm ANGLES ±0.5°

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or disclosed by said drawings, specifications, or other data.

MATERIAL

DRAWN
M. ZHANG

DATE
03-Mar-16

ENGINEER
KARLHIK BH

APPROVED
S. HOSEH

CONFIGURATION LEVEL: In Stock

FINISH

CAD FILE

TITLE
HD BNC RA BHD
JACK PCB MOUNT

Amphenol RF
www.amphenolrf.com

DRAWING NO. 34-1030-12G
ITEM NO. 34-1030-12G

SHEET
4 OF 6

PART NO. 34-1030-12G

SWG SIZE B

REV A

SCALE: 6:0:1.0

0.080" (.002"

1.58

4.60

1.00"
RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

VARIATIONS IN BOARD MATERIAL AND TRACE MAY REQUIRE DIFFERENT GEOMETRY
PLEASE CONTACT AMPHENOL RF FOR LAUNCH OPTIMIZATION

CONFIGURATION 2-0

CONFIGURATION 2-1

CONFIGURATION 2-2

CONFIGURATION 2-3

BOTTOM LAYER

TOP LAYER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

+-.05mm .05mm
+.09mm .05mm +.30mm +.20mm ANGLES
+.03mm

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MATERIAL

DRAWN

DATE

M. ZHANG

03-Mar-16

REFERENCE

ENGINEER

KARPONG B

03-Mar-16

APPROVED

S. HOSHE

CONFIRMATION: In牵

FINISH

CAS FILE

DG SIZE

REV

A

Amphenol RF

www.amphenolarf.com

DRAWING NO. 34-1030-12G

ITEM NO. 34-1030-12G

SHEET 5 OF 6

PART NO. 34-1030-12G

SCALE: 5:1.0
RECOMMENDED PCB MOUNTING HOLES

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
±0.5mm 0.001mm 0.5 - 3.0mm 0.5 - 20mm ANGLES ±0.5mm ±0.05mm

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MATERIAL
DRIVEN
ENGINEER
DATE
APPROVED
DATE
CAD FILE
 CONFIGURATION LEVEL: 60
FINISH

TILT: HD BNC RA BHD
JACK PCB MOUNT

DRAWING NO. 34-1030-12G
ITEM NO. 34-1030-12G

Amphenol RF
www.amphenolrf.com

0.50 REF 1.0200

8.00 REF 3.15

PCB BOARD

CONNECTORS TO BE SPACED
AT 8.00 MM MIN. PITCH.

THIRD ANGLE PROJ. REVISIONS

REV | DESCRIPTION | DATE | ECQ | APPR
A | RELEASE TO WFO | 03-Mar-16 | 51040 | MJD

SCALE: 2.500

0.25 REF 1.0200