

DETAIL 'A'

15.20

12.70

10.60

8.10

6.00

3.50

1.40

0

1.10

16.30

13.80

11.70

9.20

7.10

4.60

2.50

1.40

0

1.10

15.20

12.70

10.60

8.10

6.00

3.50

1.40

0

1.10

14.10

11.60

9.50

7.00

4.90

2.40

0.30

2.20

Ø0.36 PTH

Ø0.10 X_DC Y_DC

Ø0.75 PAD

0.45(,0177") DRILL

128 PL

DETAIL 'B'

GND

H1

G1

SIGNAL

GND

F1

GND

D1

SIGNAL

GND

C1

GND

B1

SIGNAL

GND

A1

H2

G2

SIGNAL

GND

F2

GND

E2

SIGNAL

GND

D2

SIGNAL

GND

C2

GND

B2

SIGNAL

GND

A2

HSD HOLE PATTERN
GENERAL REPRESENTATION

CONNECTOR OFFSET REFERENCES

1.64

FROM TOP OF RAF
PCB TO ϕ OF
ROW A ON BMA

X_DC

X_BB

0.42

FROM ϕ OF RAF COMPLIANT
TO ϕ OF BMA COMPLIANT

Y_DC

X_DC

16.30 FULLY MATED

Y_BB

X_DC

Y_DC

PIN A1

DETAIL A

7X[1.80] = (12.60)

X_DC TO DC PCB EDGE 3.80 MAX

FRONT VIEW - DC HOLE PATTERN ONLY , CONNECTOR SIDE
REFERENCED FROM LEFT MOST SIGNAL COLUMN , ALL DIMENSIONS BASIC

14.38

14.30 MAX

0.80

1.10

14.4 MAX

13.5

3.18

13.9

4.5

FRONT AND END VIEWS

1

BOTTOM VIEW
MODULE LOCATIONS FROM LEFT END OF PLASTIC

NOTES:

①

DISTANCE FROM FIRST STIFFENER PILOT HOLE TO LEFT END OF STIFFENER.

②

TOTAL LENGTH OF STIFFENER.

③

DISTANCE FROM CENTERLINE OF 1ST COLUMN OF SIGNAL PLATED THRU HOLES TO LEFT EDGE OF CONNECTOR.

④

MOUNTING SCREWS AND JOINER MODULES (IF PRESENT) TO BE BAGGED WITH EACH CONNECTOR ASSEMBLY.

⑤

STATED PAD SIZE MAY REQUIRE FILLETING. SEE TB-2237 FOR ROUTING, HOLE WALL PLATING THICKNESS AND FINISHED HOLE SIZE.

⑥

NA.

⑦

REFER TO TB-2307 FOR XCede HD PLUS PRODUCT SPECIFICATIONS.

⑧

OVERALL CONNECTOR LENGTH.

⑨

DETAIL VIEWS ARE NOT TO SCALE. DO NOT SCALE DRAWING.

⑩

FRONT HOUSING WIDTH. CONNECTORS CAN BE USED IN STACKABLE APPLICATION.

⑪

CONNECTOR IS LASER MARKED WITH MANUFACTURING INFORMATION.
REFER TO DRAWING C-527-4133-000 FOR MARKING REQUIREMENTS AND DETAILS.

REV

ECN

DESCRIPTION

BY

DATE

APPROVED

A

JLIU-22111608

RELEASE TO PRODUCTION

J.LIU

11/23/2022

J.LIU

DRW NO.

C-JX419-50139

SH

1

REV

A

TABLE 1: PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY
1	915-430A-BOH	XCede HD PLUS 4PAIR HSD MOD w / XG, 8POS, 1000HMS, .0177" DRILL, NANO NI, STD GOLD	1
2	617-1421-014	XCede HD PLUS 4PAIR STIFFENER	1

NOTE: SEE FRONT VIEW FOR STIFFENER LENGTH.

CUSTOMER: DISTRIBUTOR / XHD PLUS WITH EXTRA GROUND 4PAIR X 8, HSD 1000HMS

TOLERANCES

DESIGN 10/13/2022

J.LIU

0.0

±0.25

DRAWN 10/13/2022

AUTO GENERATED

0.00

±0.13

CHK 10/13/2022

J.LIU

0.000

± -

APVD 11/23/2022

J.LIU

ANGLES

± 3°

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MM AND DECIMAL MARKER IS A PERIOD.

INTERPRET PER ANSI Y14.5

CODE IDENT 31413

CUSTOMER USE
DRAWING

SIZE D

SCALE 1/1

SHEET 1 OF 2

Amphenol TCS

A Division of Amphenol Corporation

200 Innovative Way, Nashua, NH 03062 603.879.3000

TITLE

XCede HD PLUS DAUGHTERCARD ASSEMBLY
4 PAIR CONNECTOR, LEADFREE

PART NO.

JX419-50139

REV

A

DRAWING NO.

C-JX419-50139

CRED FILES

JX419-50139.ASM
JX419-50139.DRW

AMPHENOL XCede HD PLUS CONFIGURATOR VER202001

