

MATERIAL: (RoHS COMPLIANT)

CAGE: (THRU HOLE)

COPPER ALLOY
PLATING:

3.0-7.62 µm MATTE TIN OVER 1.27 µm
MIN. NICKEL UNDERLAY.

CONNECTOR: (THRU HOLE)

PLASTIC HOUSING:

LCP, FLAMMABILITY RATING UL94-0.

CONTACTS:

COPPER ALLOY

SEE AMPHENOL PART NUMBER FOR
MATING PLATING OPTIONS.

3.0-7.62 µm MATTE TIN OVER 1.27 µm
NICKEL UNDER LAYER ON TERMINATION.

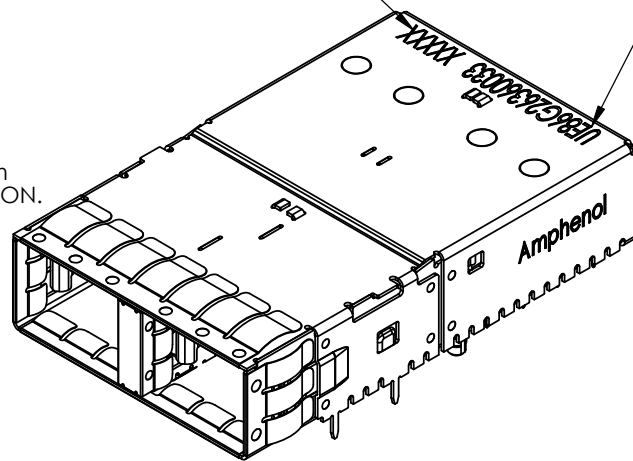
PACKAGING:

TAPE AND REEL PACKAGING.

TEMPERATURE RANGE:
-40°C TO +85°C

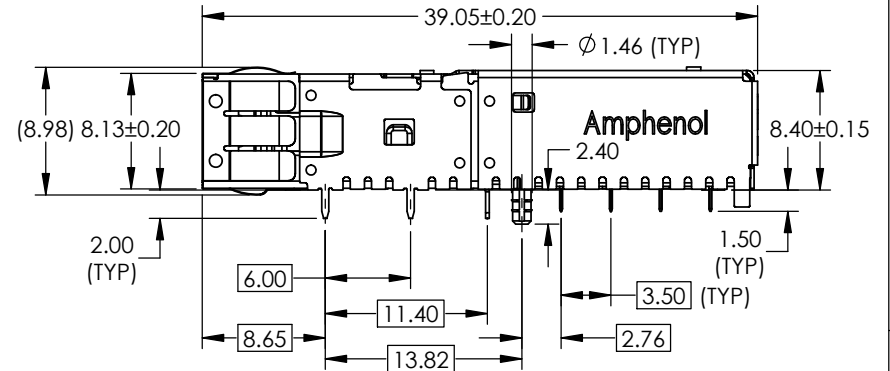
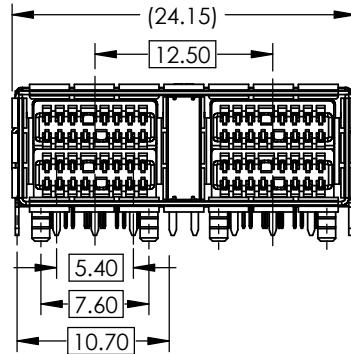
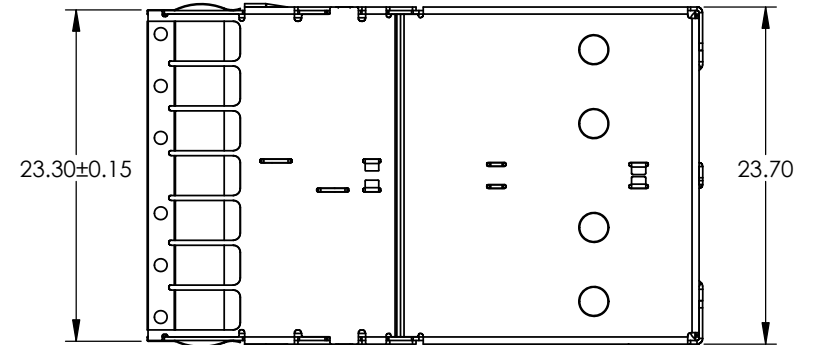
PART NUMBER
(LAST DIGIT INDICATES
PACKAGING TYPE, NOT
PRINTED ON THE CAGE)

DATE CODE



REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY	X	



AMPHENOL PART NUMBER CONFIGURATION

UE86-G2636-00X3E

NUMBER OF PORT:
2 = 2 PORTS

PLATING OPTIONS:

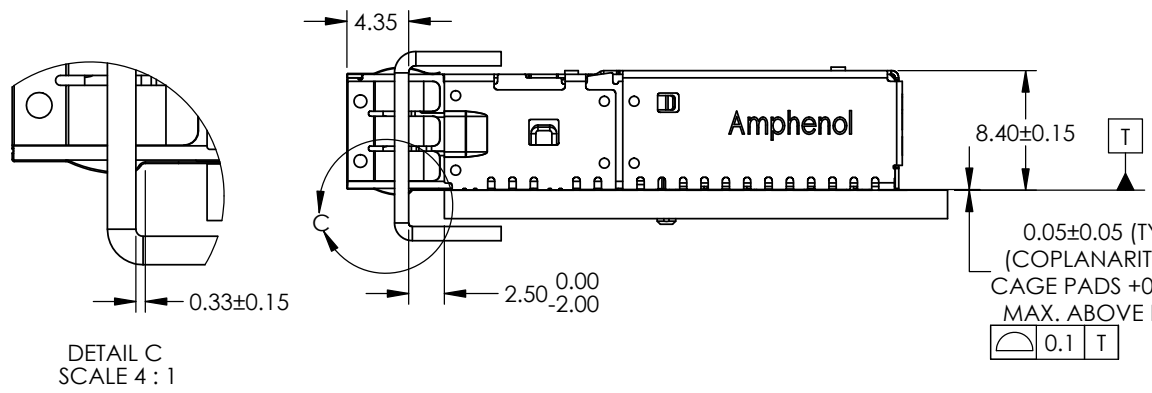
2 = Ni, HIGH GOLD (1.27 µm)
3 = Ni, STANDARD GOLD (0.76 µm)

DO NOT SCALE DRAWING

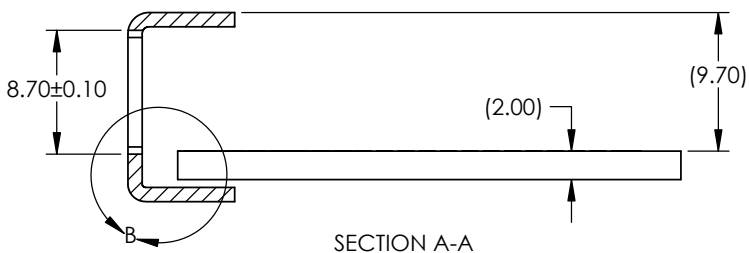
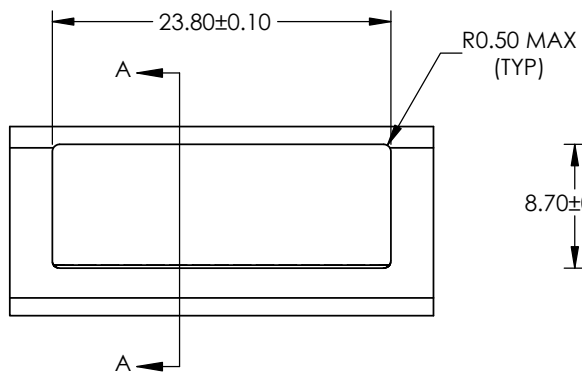
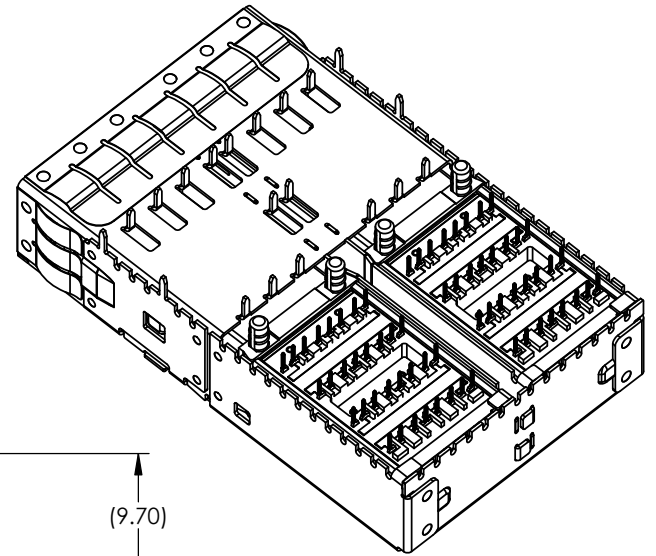
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15	APPROVALS	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
	DRAWN J.SI	AUG01/13	
	DESIGNED		
	CHECKED		
MATERIAL AND FINISH	QA APPD		TITLE
SEE NOTES			1X2 XCEDE-IO COMBO
REF. X	IE APPD		SIZE A4 DWG. NO. P-UE86-G2636-00X3T REV. A
CODE IDENT. NO. 03554	DWG APPD		SCALE 2:1 PROJECT SHEET 1 OF 3

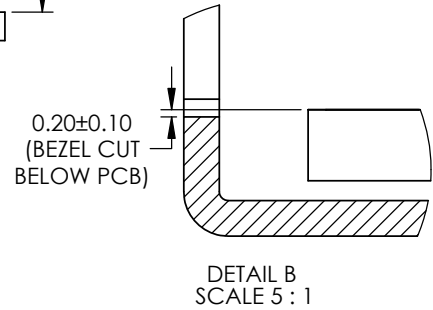
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY	X	



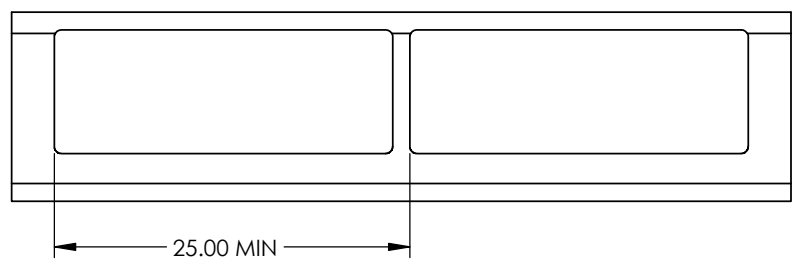
DETAIL C
SCALE 4 : 1



SECTION A-A



DETAIL B
SCALE 5 : 1



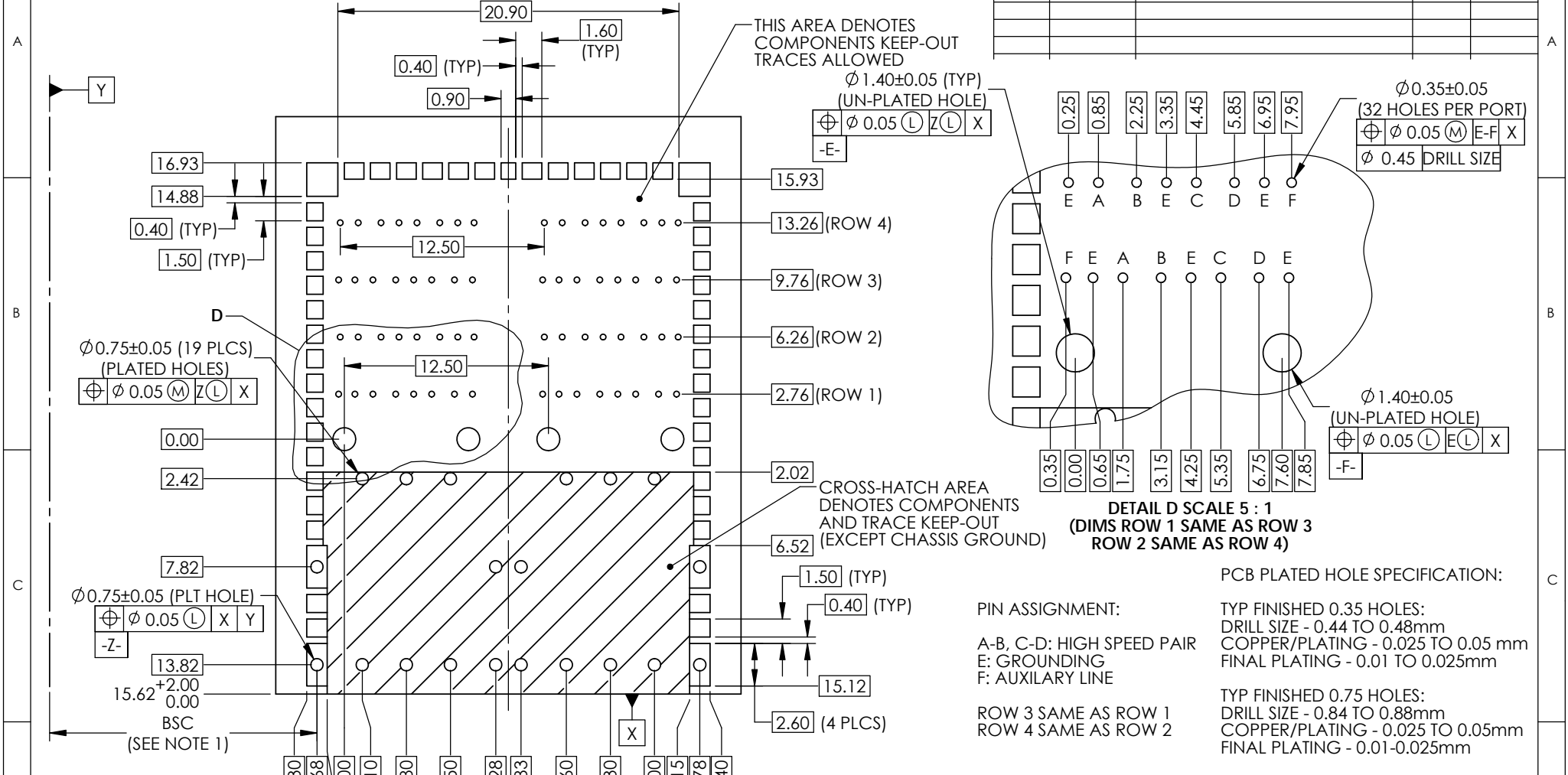
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

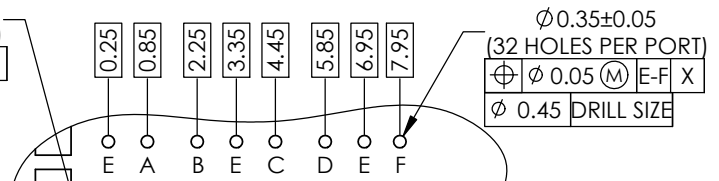
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
DECIMALS	ANGLES	DRAWN	J.SI	AUG01/13	TITLE	
X.X ± 0.25	± 1°	DESIGNED			1X2 XCEDE-IO COMBO	
X.XX ± 0.15		CHECKED			SIZE A4	
MATERIAL AND FINISH	SEE NOTES	QA APP'D			DWG. NO. P-UE86-G2636-00X3T	
REF. X		IE APP'D			REV. A	
CODE IDENT. NO. 03554		DWG APP'D			SCALE 2:1	PROJECT SHEET 2 OF 3

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY	X	



THIS AREA DENOTES COMPONENTS KEEP-OUT TRACES ALLOWED
 $\varnothing 1.40 \pm 0.05$ (TYP)
 (UN-PLATED HOLE)
 $\varnothing 0.05$ (L) (Z) (L) (X)
 -E-



$\varnothing 1.40 \pm 0.05$
 (UN-PLATED HOLE)
 $\varnothing 0.05$ (L) (E) (L) (X)
 -F-

DETAIL D SCALE 5 : 1
 (DIMS ROW 1 SAME AS ROW 3
 ROW 2 SAME AS ROW 4)

CROSS-HATCH AREA DENOTES COMPONENTS AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

PCB PLATED HOLE SPECIFICATION:

PIN ASSIGNMENT:

- A-B, C-D: HIGH SPEED PAIR
- E: GROUNDING
- F: AUXILIARY LINE

TYP FINISHED 0.35 HOLES:
 DRILL SIZE - 0.44 TO 0.48mm
 COPPER/PLATING - 0.025 TO 0.05 mm
 FINAL PLATING - 0.01 TO 0.025mm

- ROW 3 SAME AS ROW 1
- ROW 4 SAME AS ROW 2

TYP FINISHED 0.75 HOLES:
 DRILL SIZE - 0.84 TO 0.88mm
 COPPER/PLATING - 0.025 TO 0.05mm
 FINAL PLATING - 0.01-0.025mm

RECOMMENDED HOST PCB LAYOUT

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.25 X.XX ± 0.15 MATERIAL AND FINISH SEE NOTES REF. X CODE IDENT. NO. 03554	APPROVALS	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
	DRAWN JSI	AUG01/13	TITLE	
	DESIGNED		1X2 XCEDE-IO COMBO	
	CHECKED		SIZE A4 DWG. NO. P-UE86-G2636-00X3T REV. A	
QA APPD		SCALE 2:1	PROJECT	SHEET 3 OF 3
IE APPD				
DWG APPD				