

MATERIAL:

CAGE:  
COPPER ALLOY

PLATING:

OPTION 2:  
2.54um MIN. NICKEL  
OPTION 3:  
2.54-7.62um MATTE TIN  
OVER 50um MIN NICKEL  
UNDER LAYER

HEATSINK:

ALUMINUM, BLACK  
ANODIZING COATING

HEATSINK CLIP:

STAINLESS STEEL

PACKAGING:

TRAY PACKAGING

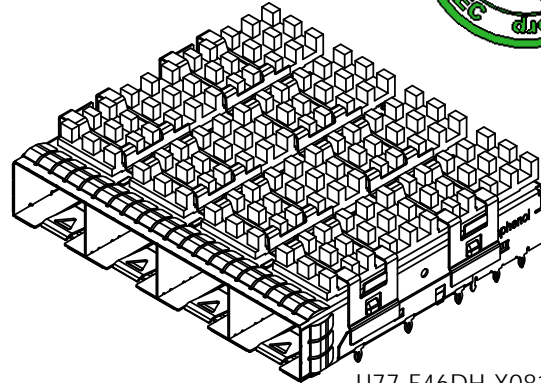
TEMPERATURE RANGE:

-40C TO +85C

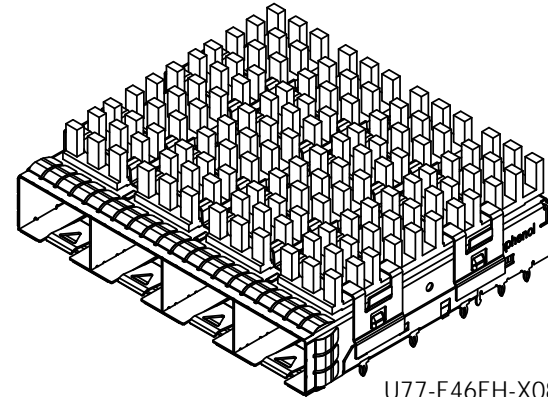
**PRELIMINARY**



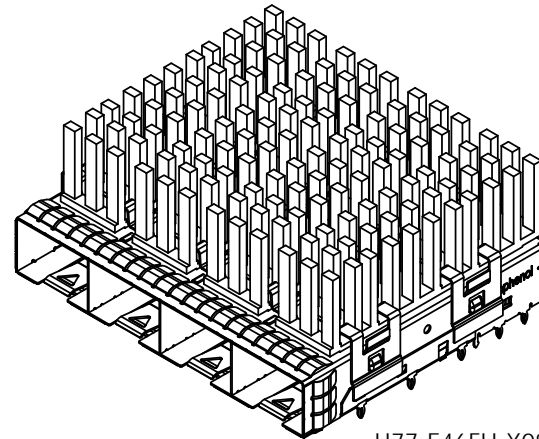
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUN22/13	X



U77-E46DH-X081



U77-E46EH-X081



U77-E46FH-X081

AMPHENOL PART NUMBER CONFIGURATION

U77 - E 4 6 X H - X 0 8 1

HEATSINK APPLICATION

D = PCI  
E = SAM  
F = NETWORK  
(SEE SHEET 2, TABLE 1  
FOR DIMENSION DATA)

PACKAGING

1 = TRAY PACKAGING

PLATING

2 = NICKEL PLATING  
3 = MATTE TIN PLATING

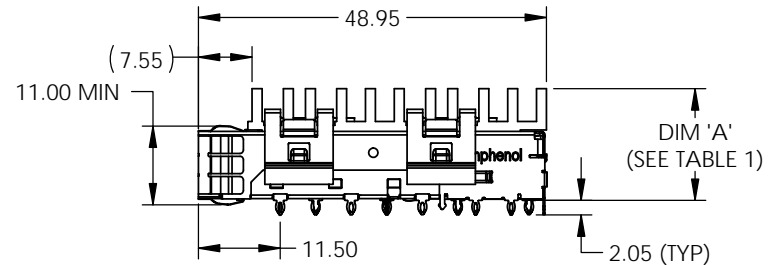
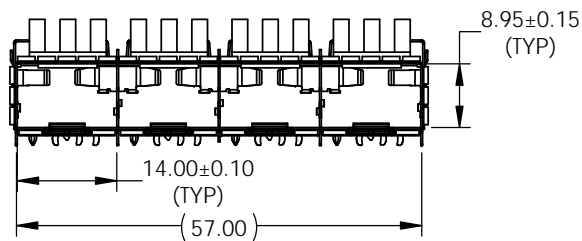
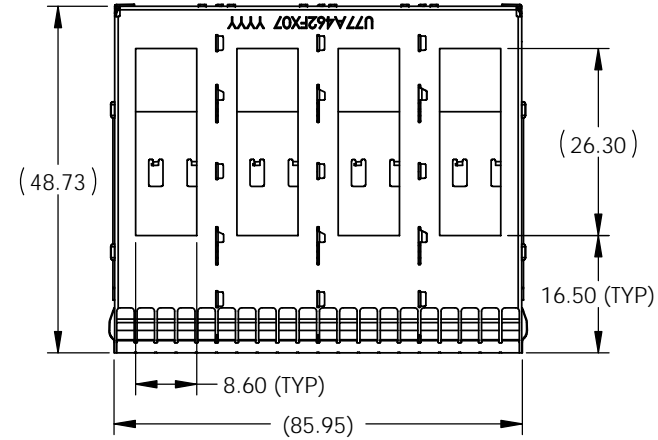
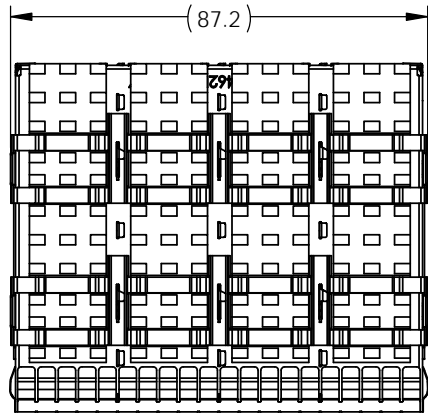
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com
DECIMALS	ANGLES	DRAWN	J.SI	JUN12/25	
X.X ± 0.25	± 1°	DESIGNED			
X.XX ± 0.15		CHECKED	X	X	
MATERIAL AND FINISH		QA APPD			TITLE  1X4 SFP+ CAGE WITH HEATSINK (OPTIONAL FOR HEATSINK HEIGHTS)
SEE NOTES					
REF.	X	IE APPD			SIZE <b>A4</b>
CODE IDENT. NO.	03554	DWG APPD			DWG. NO. P-U77-E46XH-X081
					SCALE 1:1
					PROJECT
					SHEET 1 OF 4
					REV. A

TABLE 1		
PART NUMBER	DIM 'A'	APPLICATION
U77-E46DH-X081	13.5 MAX	PCI
U77-E46EH-X081	15.8 MAX	SAM
U77-E46FH-X081	22.8 MAX	NETWORK

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUN22/13	X

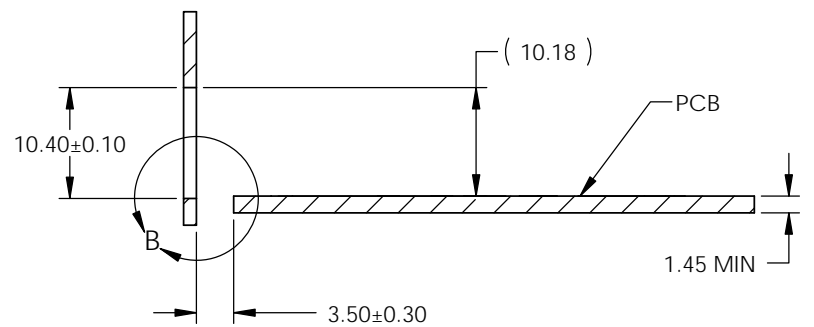
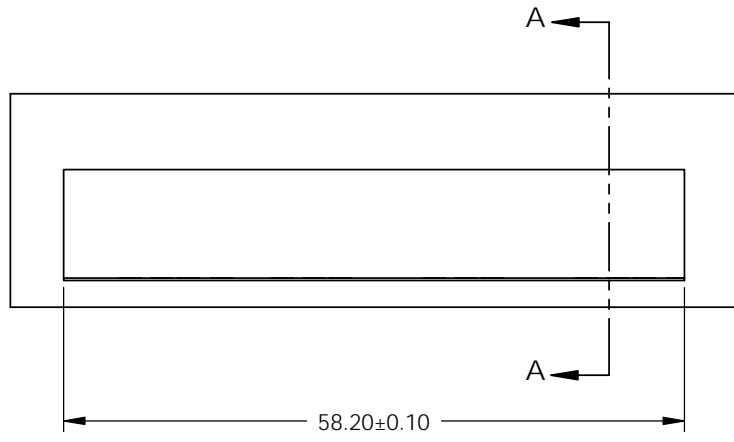


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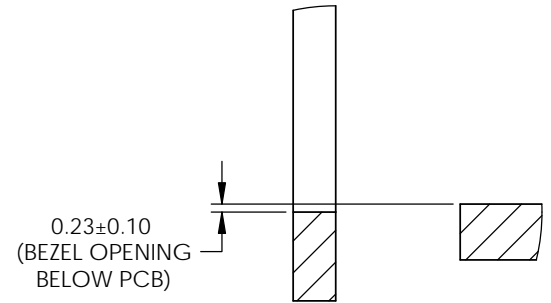
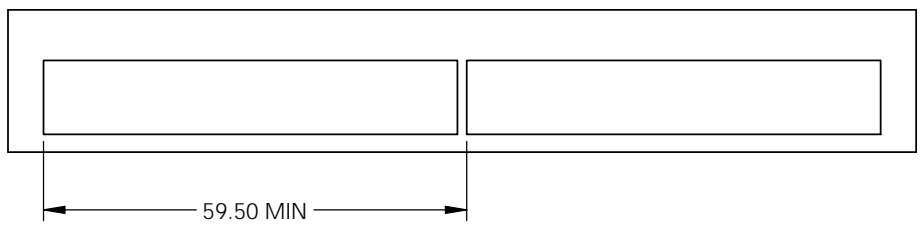
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DECIMALS	ANGLES	DRAWN	J.SI	JUN12/25	
X.X ± 0.25	± 1°	DESIGNED			TITLE
X.XX ± 0.15		CHECKED	X	X	1X4 SFP+ CAGE WITH HEATSINK (OPTIONAL FOR HEATSINK HEIGHTS)
MATERIAL AND FINISH	SEE NOTES	QA APP'D			SIZE
REF.	X	IE APP'D			A4
CODE IDENT. NO.	03554	DWG APP'D			DWG. NO.
					P-U77-E46XH-X081
					SCALE
					1:1
					PROJECT
					SHEET
					2 OF 4
					REV.
					A

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUN22/13	X



SECTION A-A

RECOMMENDED BEZEL DESIGN



DETAIL B  
SCALE 5 : 1

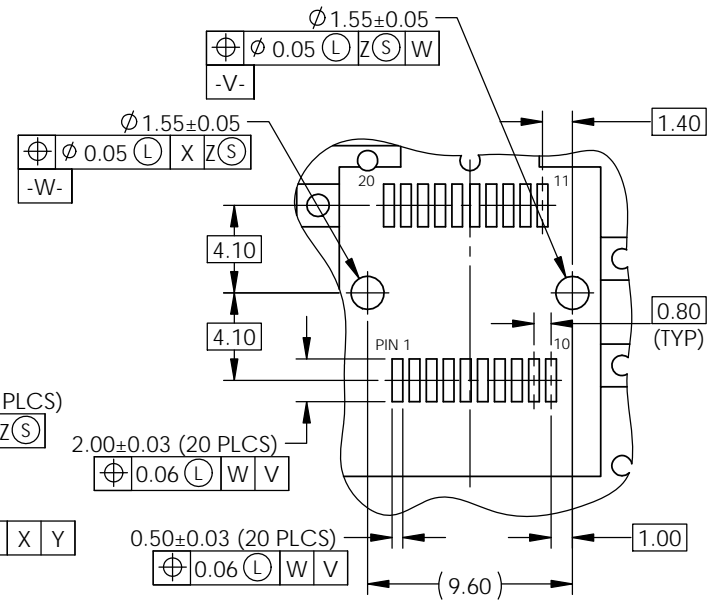
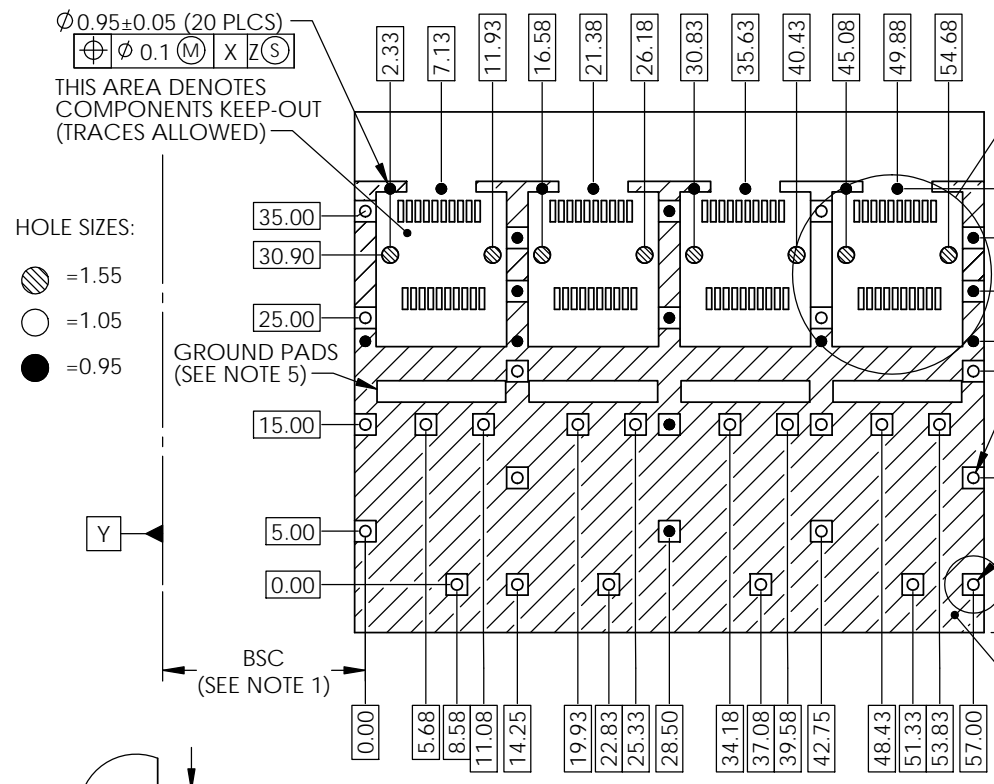
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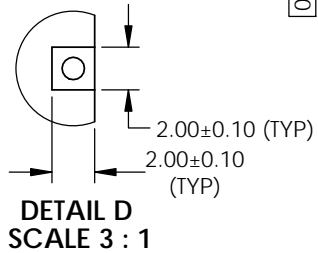
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS                      ANGLES X.X ± 0.25                      ± 1° X.XX ± 0.15	<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com
	DRAWN	J.SI	JUN12/25	
	DESIGNED			
	CHECKED	X	X	
MATERIAL AND FINISH	SEE NOTES		QA APPD	TITLE  1X4 SFP+ CAGE WITH HEATSINK (OPTIONAL FOR HEATSINK HEIGHTS)
REF.	X	IE APPD		
CODE IDENT. NO.	03554	DWG APPD		
SIZE	A4	DWG. NO.	P-U77-E46XH-X081	REV. A
SCALE	3:2	PROJECT		SHEET 3 OF 4

- NOTES:  
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 2. PADS AND VIAS ARE CHASSIS GROUND.  
 3. THRU-HOLES, PLATING OPTIONAL.  
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.  
 5. GROUNDING PADS DESIGNED PER SFF 8433 SPEC. THESE (4) PADS ARE NOT REQUIRED FOR THIS APPLICATION.

REVISIONS				
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A		PROPOSAL	JUN22/13	X



**DETAIL C**  
SCALE 3 : 1



**DETAIL D**  
SCALE 3 : 1

**RECOMMENDED PCB DESIGN**  
(P/N: U77-E46XH-X081)

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	DRAWN	J.SI	JUN12/25	
	DESIGNED			
	CHECKED	X	X	
MATERIAL AND FINISH	SEE NOTES		QA APPD	TITLE  1X4 SFP+ CAGE WITH HEATSINK (OPTIONAL FOR HEATSINK HEIGHTS)
REF.	X	IE APPD		
CODE IDENT. NO.	03554	DWG APPD		
SIZE	A4	DWG. NO.	P-U77-E46XH-X081	REV. A
SCALE	3:2	PROJECT		SHEET 4 OF 4