

U91 - D1XX - 1X0X - XX

HEAT SINK OPTION

- 0 - NO HEAT SINK, NO CLIP, NO CAGE COVER
1 - NO HEAT SINK, NO CLIP, CAGE COVER ATTACHED
2 - SQUARE PIN STYLE HEAT SINK (BLACK OXIDE) WITH CLIP
A - ROUND PIN STYLE HEAT SINK (BLACK OXIDE) WITH CLIP
D - SQUARE PIN STYLE HEAT SINK (NICKEL PLATED) WITH CLIP
G - ROUND PIN STYLE HEAT SINK (NICKEL PLATED) WITH CLIP
K - SQUARE PIN STYLE HEAT SINK (CHROMATE PASSIVATION) WITH CLIP
L - ROUND PIN STYLE HEAT SINK (CHROMATE PASSIVATION) WITH CLIP

KEYING OPTION

- 0 - NO KEY
1 - LEFT KEY (INFINIBAND)
2 - RIGHT KEY (ETHERNET)

OPTIONAL DUST COVER

- 0 - NO DUST COVER
D - WITH DUST COVER (SHIPPED BULK IN SAME BOX
WITH CAGE & CONNECTOR ASSEMBLY)

MOUNTING SCREWS

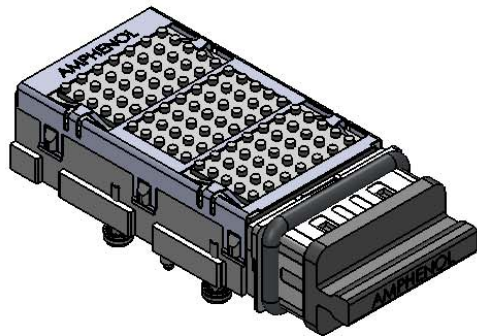
- 0 - NO MOUNTING SCREWS SHIPPED
1 - WITH MOUNTING SCREWS (M2x4 - 6mm LONG)
SHIPPED BULK IN SAME TRAY WITH CAGE ASSEMBLIES

CONTACT PLATING

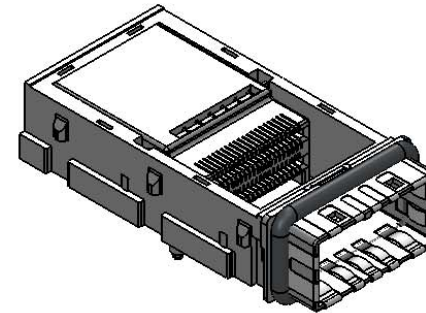
- 1 - MATING AREA PLATING: 0.76 µm GOLD OVER 2.54 µm OF NICKEL
PRESS FIT TAIL AREA PLATING: 0.76 µm TIN LEAD OVER 2.54 µm OF NICKEL
2 - MATING AREA PLATING: 0.38 µm GOLD OVER 2.54 µm OF NICKEL
PRESS FIT TAIL AREA PLATING: 0.76 µm TIN LEAD OVER 2.54 µm OF NICKEL
3 - MATING AREA PLATING: 0.76 µm GOLD OVER 1.27 µm TO 3.81 µm OF NICKEL
PRESS FIT TAIL AREA PLATING: 0.381 µm TO 1.52 µm OF MATTIE TIN OVER 1.27 µm TO 3.81µm OF NICKEL
(RoHS COMPLIANT PER RoHS DIRECTIVE 2011/65/EU; OPTION 3 ONLY)

PACKAGING

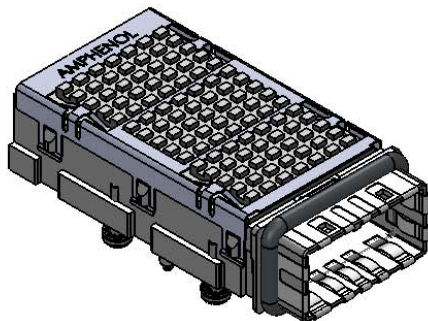
- 1 - TRAY PACKAGING (CAGE & CONNECTOR ASSEMBLY IN SEPARATE TRAYS FROM HEAT SINKS AND CLIPS, IF ORDERED)
A - TRAY PACKAGING (CAGE & CONNECTOR ASSEMBLY SHIPPED WITH HEAT SINK AND HEAT SINK CLIP ATTACHED)



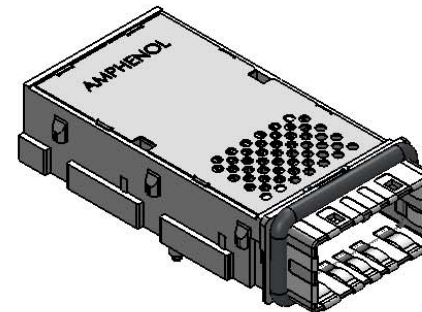
PART # **U91-D151-1D0A-11** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH ROUND PIN HEAT SINK ATTACHED,
SCREWS AND DUST COVER ARE SHIPPED BULK)



PART # **U91-D101-1001-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH NO COVER,
NO SCREWS SHIPPED)



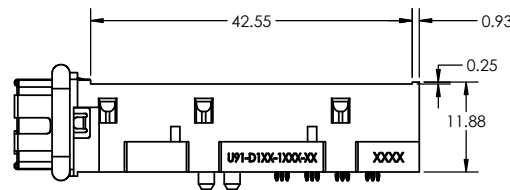
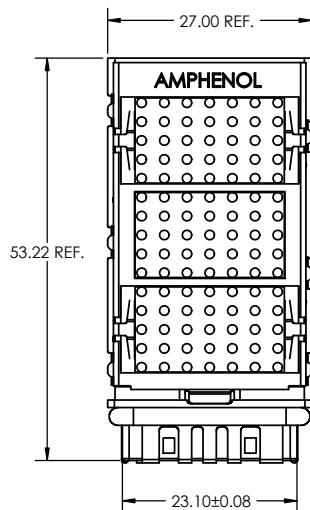
PART # **U91-D121-100A-11** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH
SQUARE PIN HEAT SINK ATTACHED, SCREWS ARE SHIPPED BULK)



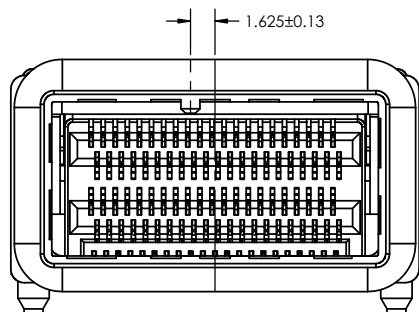
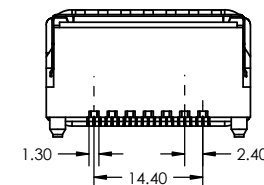
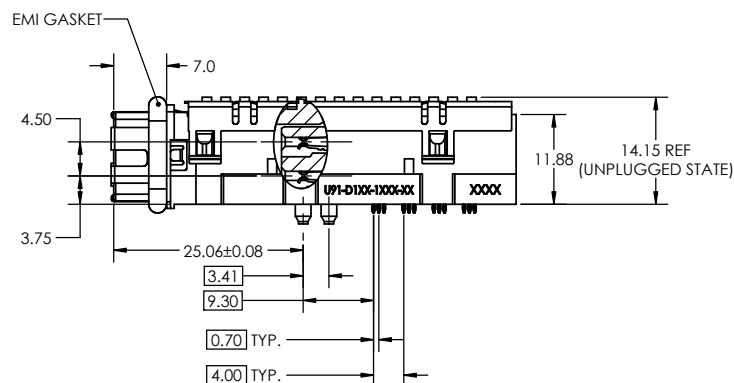
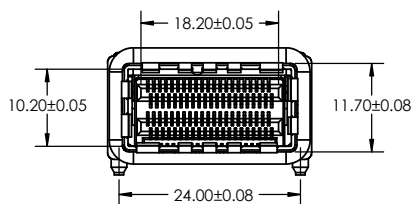
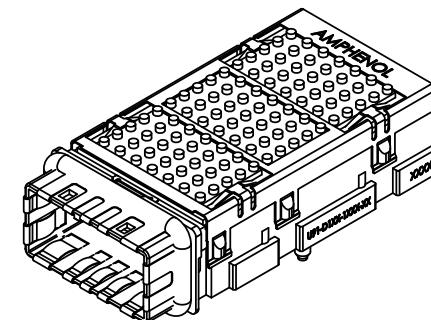
PART # **U91-D111-1001-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY NO HEAT SINK,
NO SCREWS SHIPPED)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	JAN 21/11	ZLJ
B	3.75 ADDED	FEB 14/11	ZLJ
C	NEW CONTACT PLATING OPTION ADDED	JUL 04/11	ZLJ
D	HEAT SINK OPTION "0" ADDED	JAN 27/12	ZLJ
E	AHSI DESIGNATION ADDED	MAY 16/12	ZLJ
F	DIMENSION 9.3 CORRECTED	JUN 14/12	ZLJ
G	RoHS DIRECTIVE ADDED	DEC 3/12	ZLJ
H	BOT. VIEW ADDED FOR CONN. DETAIL	APR 8/13	ZLJ
J	PRESS FIT HOLE/BEZEL TOL. UPDATED	JUL 23/13	ZLJ
K	DIMENSIONS & TOLERANCES UPDATED	AUG 6/13	ZLJ
L	ADDED REAR CAGE STEP VIEW, SHEET 2	DEC 18/14	A.C

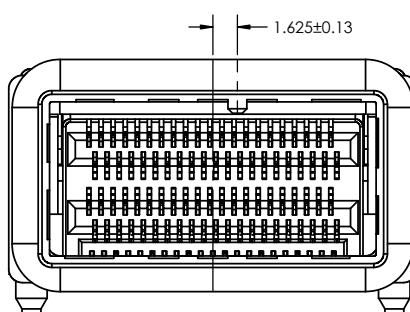
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVAL		DATE		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com CXP CAGE AND CONNECTOR ASSEMBLY (ENHANCED FOOTPRINT)					
		DRAWN		ZLJ						JAN 10/11	
		CHECKED		ZLJ						JAN 10/11	
		QA APPR.									
		ME APPR.									
DECIMALS	ANGLES										
.X ±0.2	X° ±1°										
.XX ±0.1	X.X° ±0.5°										
		DWG APPR.		A.G.		JAN 10/11					
		ENG. REL. NO.									
		NSCM:									



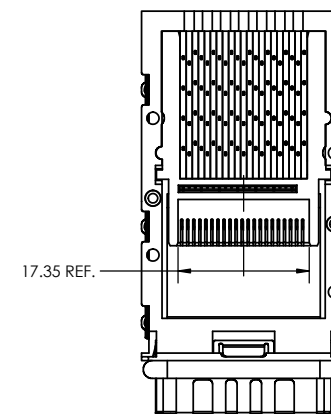
U91-D101-1001-10
SHOWN IN THIS VIEW



U91-D1X1-1XXX-XX
LEFT KEY SHOWN
EMI SPRING FINGERS
REMOVED FOR CLARITY



U91-D1X2-1XXX-XX
RIGHT KEY SHOWN
EMI SPRING FINGERS
REMOVED FOR CLARITY



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:

DECIMALS ANGLES
.X ±0.2 X° ±1°
.XX ±0.1 X.X° ±0.5°



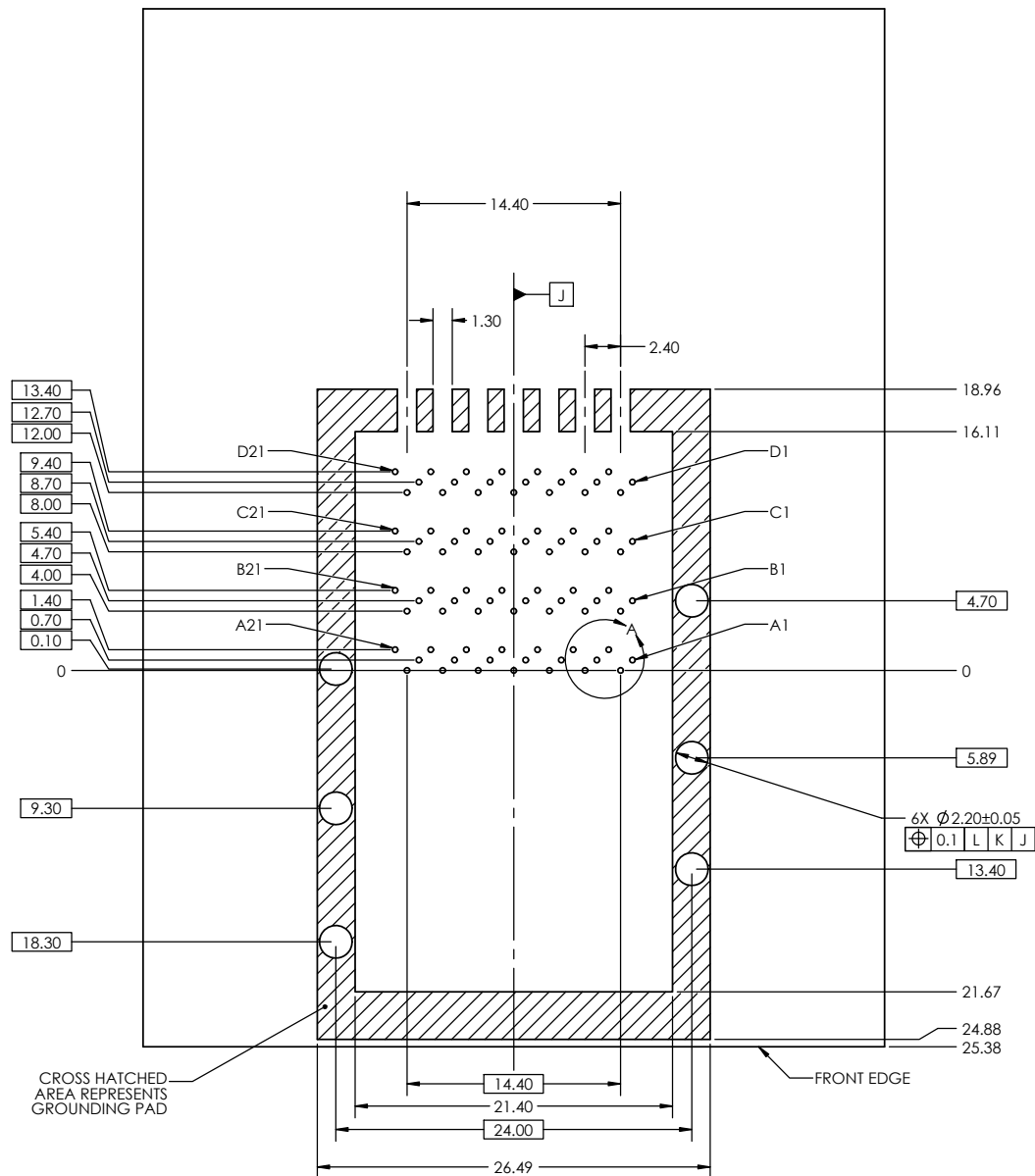
DO NOT SCALE DRAWING

APPROVAL	DATE
DRAWN: ZLJ	JAN 10/11
CHECKED: ZLJ	JAN 10/11
QA APPR.	
ME APPR.	
DWG APPR. A.G.	JAN 10/11
ENG. REL. NO.	
NSCM:	

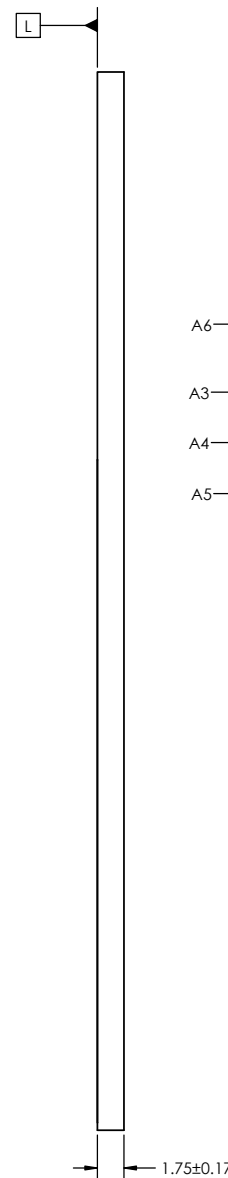
Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

**CXP
CAGE AND CONNECTOR
ASSEMBLY
(ENHANCED FOOTPRINT)**

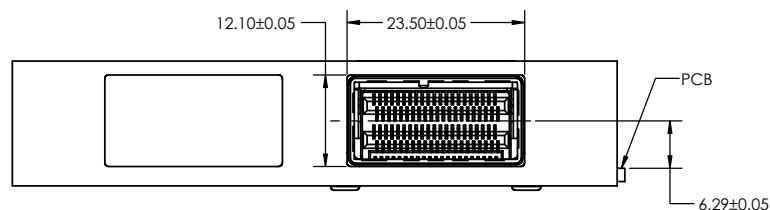
SIZE	DWG. NO.	REV
	P-U91-D1XX-1XXX-XX	L
SCALE: 2:1	PROJECT: CXP	SHEET 2 OF 4



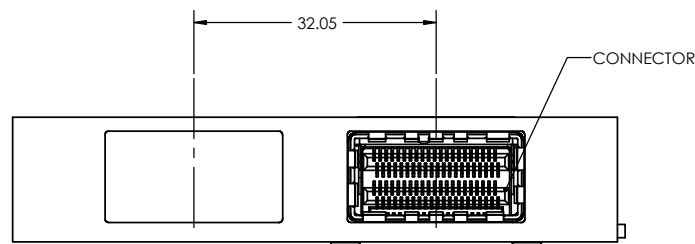
RECOMMENDED **SINGLE MOUNT**
PCB LAYOUT
COMPONENT SIDE SHOWN



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES .X ±0.2 X° ±1° .XX ±0.1 X.X° ±0.5°	APPROVAL	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		
	DRAWN	JAN 10/11			
	CHECKED	JAN 10/11	CXP CAGE AND CONNECTOR ASSEMBLY (ENHANCED FOOTPRINT)		
	QA APPR.				
	ME APPR.				
	DWG APPR.	A.G. JAN 10/11	SIZE	DWG. NO.	P-U91-D1XX-1XXX-XX
	ENG. REL. NO.		SCALE: 2:1	PROJECT: CXP	REV L
	DO NOT SCALE DRAWING	NSCM:			SHEET 3 OF 4

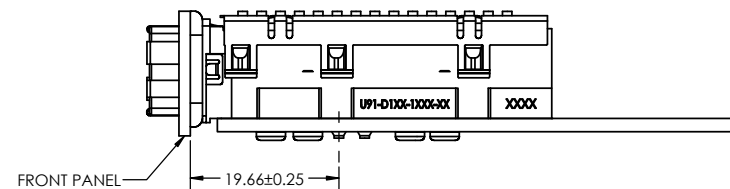
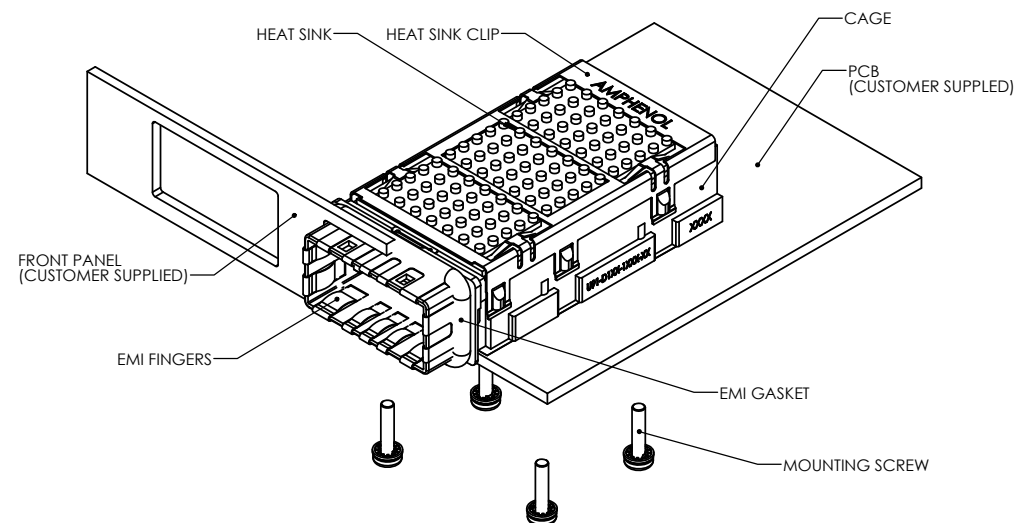


RECOMMENDED PANEL CUTOUT
FOR **SINGLE LEVEL** MOUNTING



NOTES:

- 1) MATERIAL
MAIN CAGE: ZINC DIE CAST SHELL WITH NICKEL PLATING
EMI GASKET: CONDUCTIVE ELASTOMER
HEAT SINK CLIP: STAINLESS STEEL
CAGE COVER: STAINLESS STEEL (OPTION WITH CAGE COVER ONLY SHOWN ON SHEET ONE)
HEAT SINK: ALUMINUM, FOR PLATING INFO. SEE SHEET ONE
EMI FINGERS: PHOSPHOR BRONZE WITH NICKEL PLATING
MOUNTING SCREWS: AISI 1010 STEEL
CONNECTOR HOUSING: LCP
CONTACTS: PHOSPHOR BRONZE, FOR PLATING INFO. SEE SHEET ONE
- 2) CONNECTOR AND CAGE ASSEMBLY IS RoHS COMPLIANT



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		DRAWN	ZLJ	JAN 10/11							
		CHECKED	ZLJ	JAN 10/11		CXP CAGE AND CONNECTOR ASSEMBLY (ENHANCED FOOTPRINT)					
		QA APPR.									
		ME APPR.									
		DWG APPR.	A.G.	JAN 10/11		SIZE	DWG. NO.	P-U91-D1XX-1XXX-XX		REV	L
		ENG. REL. NO.				SCALE: 2:1		PROJECT: CXP		SHEET 4 OF 4	
DO NOT SCALE DRAWING		NSCM:									

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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