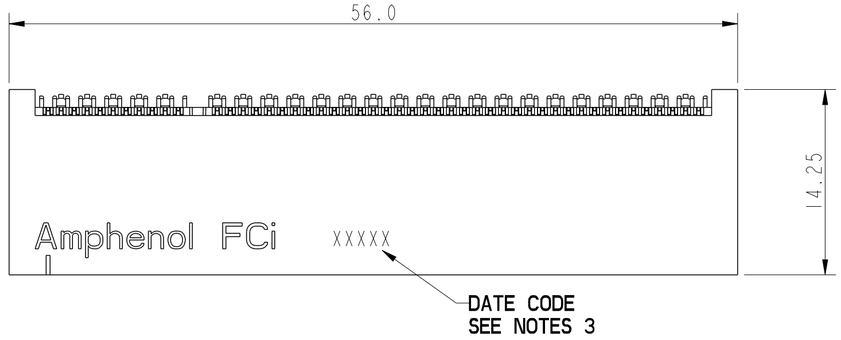
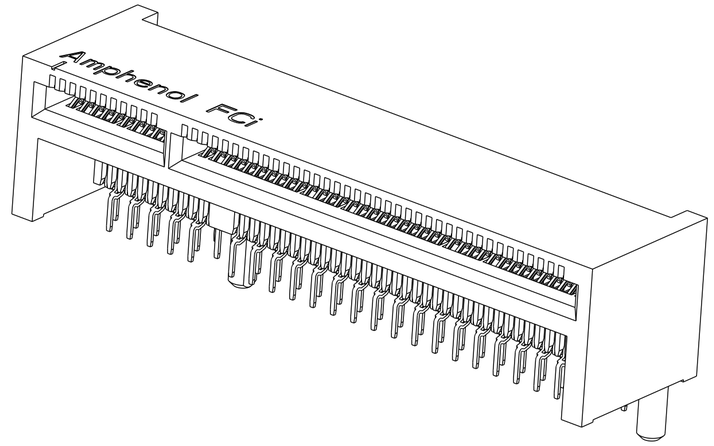
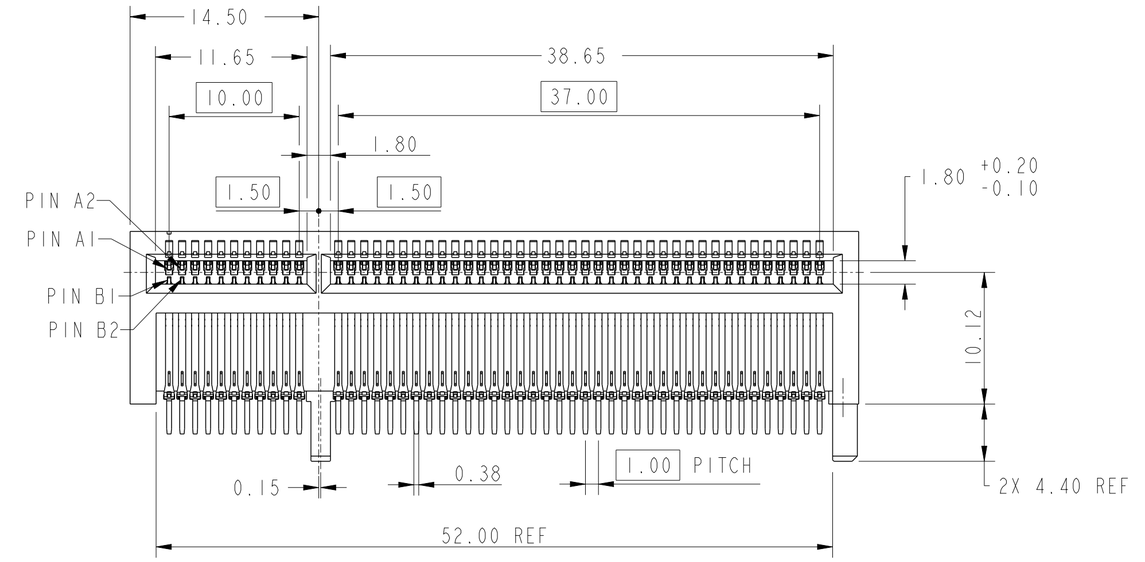
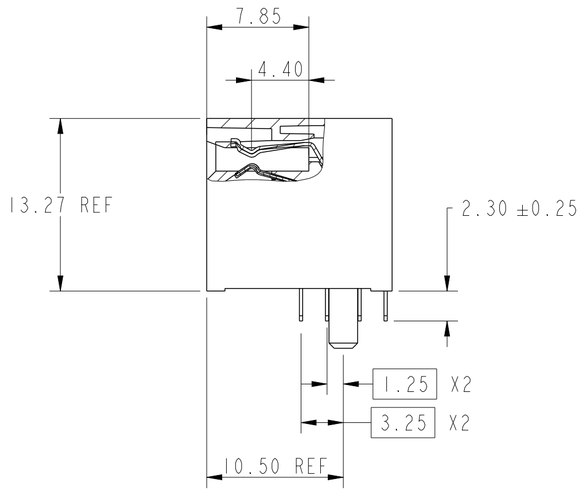
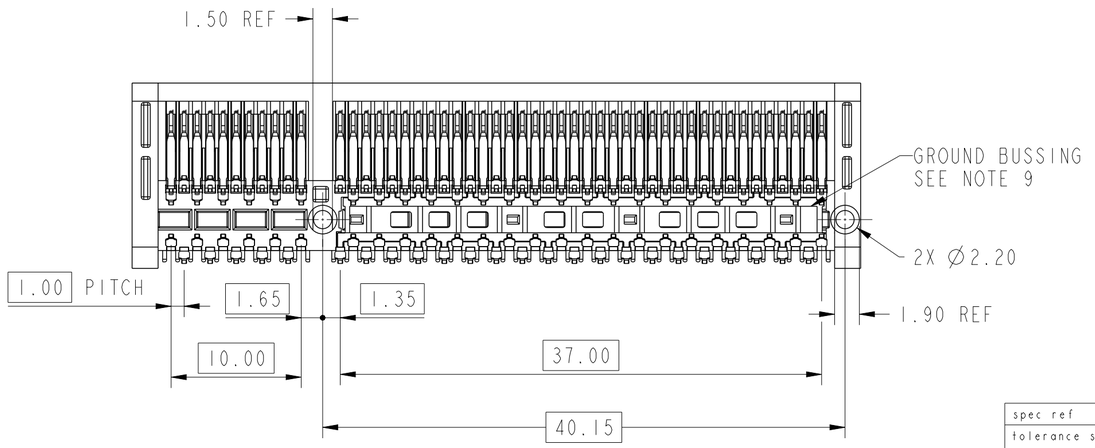








SECTION A-A



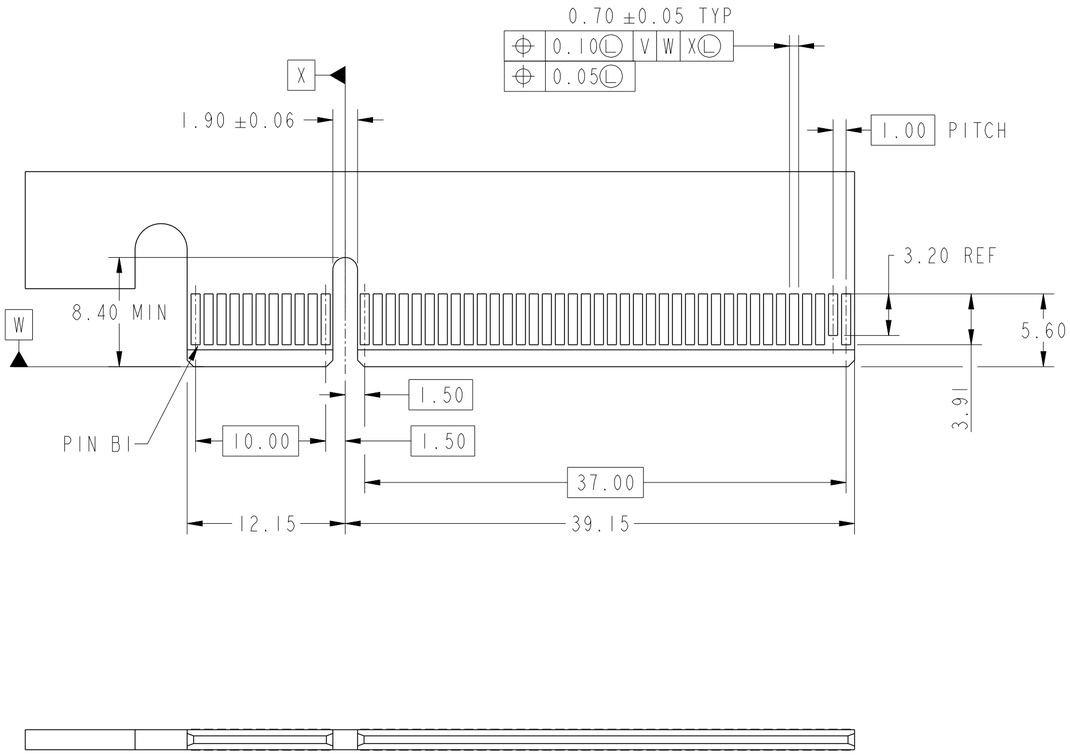
PRELIMINARY

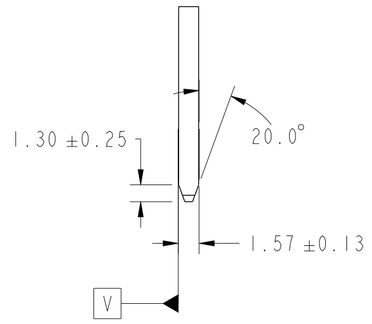
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2021/12/16			ecn no -	
				chr	-	-			rel level	Preliminary
				appr	-	-	product family -			
surface -	linear	0.X	±0.30	Amphenol FCi	title	PCI EXPRESS 4.0 CONN		dwg no	10159072	rev 1
ISO 1302		0.XX	±0.20			98POS RA TH				
		0.XXX	±0.10							
	angular	0°	±1°			cat. no. -	Product - Customer Drw		sheet 1 of 4	

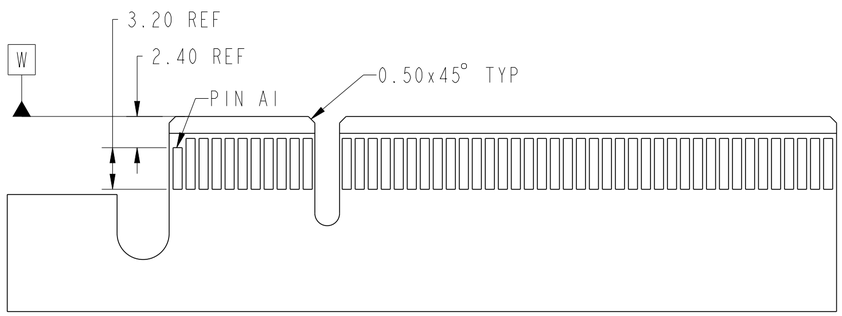
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Creo File:ELX-WC-A2C,REV F,2020-12-21







RECOMMENED DAUGHTER CARD (GENERAL TOLRANCES: ±0.05)

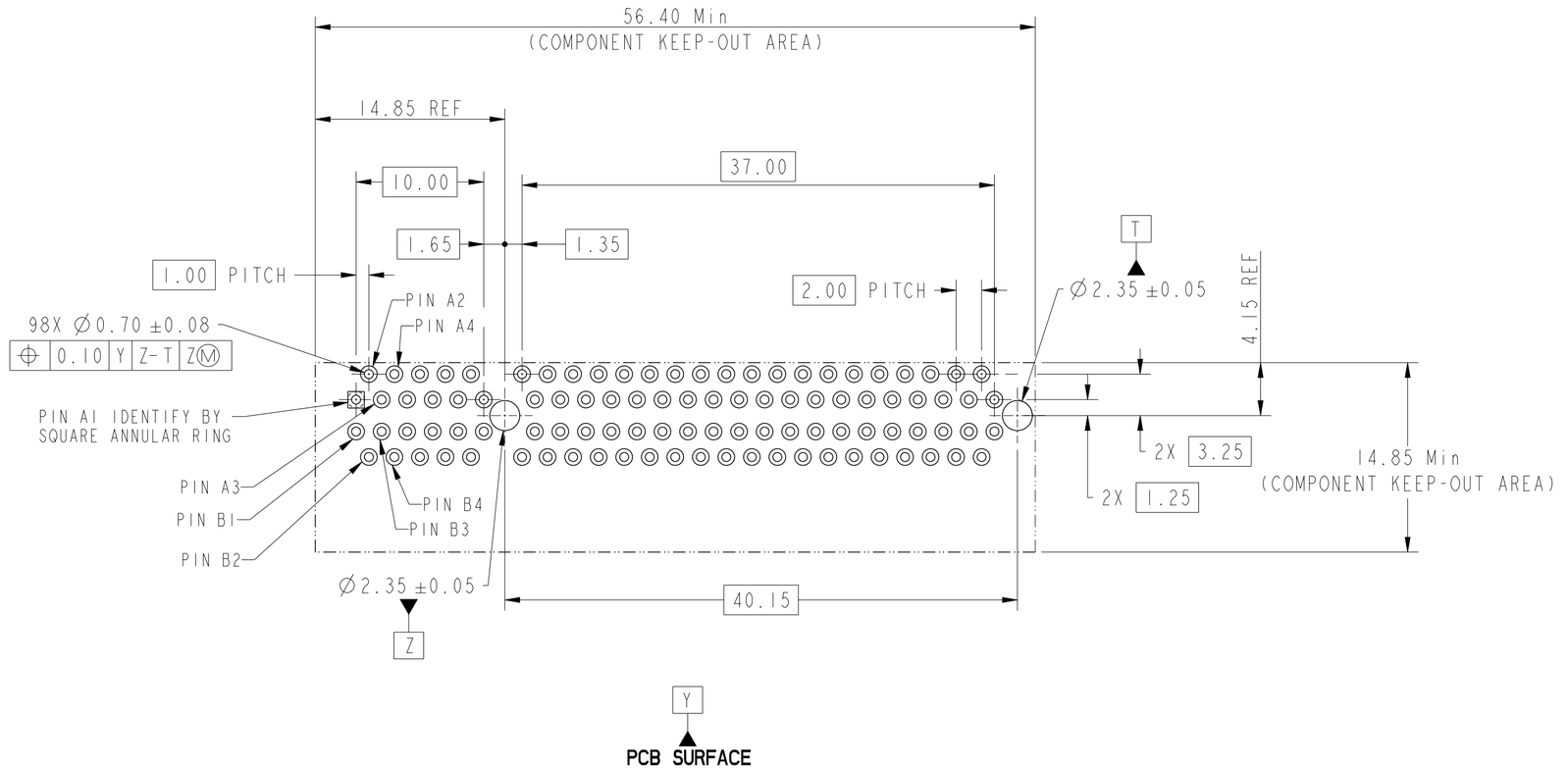
spec ref				dr	Zhen-Hua Liu	2020/12/29	projection	MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2021/12/16		
				chr	-	-		
				appr	-	-	product family	-
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	PCI EXPRESS 4.0 CONN	dwg no	10159072
		0.XX	±0.20			98POS RA TH		
		0.XXX	±0.10					
	angular	0°	±1°			cat. no. -	Product - Customer Drw	

size	scale	rev
A2	1:1	
ecn no -		
rel level	Preliminary	1
sheet 2 of 4		

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Crea File:ELX-MC-A2C_REV F_2020-12-21



RECOMMENED PCB LAYOUT TOP VIEW
(GENERAL TOLRANCES: ±0.05)

spec ref				dr	Zhen-Hua Liu	2020/12/29	projection	MM	size A2 / scale 1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2021/12/16			ecn no -
				chr	-	-			
				appr	-	-	product family -		rel level Preliminary
surface - ISO 1302	linear	0.X	±0.30	Amphenol FCi	title: PCI EXPRESS 4.0 CONN 98POS RA TH		dwg no 10159072		rev 1
		0.XX	±0.20						
		0.XXX	±0.10						
	angular	0°	±1°		cat. no. -		Product - Customer Drw		sheet 3 of 4

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NOTES:
1.MATERIAL:
 1.1 HOUSING:HIGH TEMPERATURE MATERIAL ,COLOR:BLACK.
 1.2 CONTACT:COPPER ALLOY.

 2. FINISH:
 2.1 CONTACT: 100u" MATTE TIN PLATING ON SOLDERING TAIL.
 GOLD PLATING ON CONTACT AREA(THICKNESS SEE PART NUMBER DESCRIPTION)
 50u" NICKEL UNDER-PLATING OVERAL

 3. PART NUMBER & DATE CODE : SSYYWWDX
 S: MANUFACTURING SITE
 VALLEY GREEN =V
 DONGGUAN= DG
 MALAYSIA= M
 YY:YEAR
 WW:WEEK
 D: DAY (MONDAY=1)
 X =DMENS DAY SHIFT/N MEANS NIGHT SHIFT

4. PRODUCT SPECIFICATION:GS-12-XXXX

5. PACKAGE SPECIFICATION:GS-14-XXXX

6. PRODUCT MARKING,(PART NUMBER&LOT CODE),ON THIS SURFACE

7. LEAD FREE PRODCUT MEETS THE EUROPEAN UNION DRECTIVES&OTHER
 COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

8. THE CONNECTOR WILL WITHSTAND EXPOSURE TO 260°C PEAK TMPERATURE
 FOR 10-30 SECONDS IN WAVE SOLDERING APPLICATION OR REFLOW APPLICATION.

9. ALL GROUND PINS DEFINED BY PCIE COMMITTEE SPEC ARE CONNECTED BY GROUND BUSSING:
 A12/A15/A18/A20/A23/A24/A27/A28/A31/A34/A37/A38/A41/A42/A45/A46/A49/B13/B16/B18/B21/
 B22/B25/B26/B29/B32/B35/B36/B39/B40/B43/B44/B47

△5

PRODUCT NUMBER DESCRIPTION:

10159072-X X X X X HLF

HSG COLOR
1:BLACK

PLATING CODE:
0:Au 30u"
1:Au 15u"
2:GOLD FLASH

HLF:HALOGEN FREE & LEAD FREE

R:TAPE&REEL PACKING
T:TRAY

POS OPTION
2:98Pin

TAIL LENGTH OPTION

	TIAL	PCB THICKNESS
0	2.30±0.25	1.56±0.10

Amphenol FCi

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spec ref				dr	Zhen-Hua Liu	2020/12/29	projection: MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2021/12/16	size: A2
				chr	-	-	scale: 1:1
				appr	-	-	ecn no: -
surface: - ISO 1302	linear	0.X	±0.30	product family: -			rel level: Preliminary
		0.XX	±0.20	Amphenol FCi	title: PCI EXPRESS 4.0 CONN 98POS RA TH		dwg no: 10159072
		0.XXX	±0.10				rev: 1
	angular	0°	±1°		cat. no. -	Product - Customer Drw	sheet 4 of 4

Crea File:ELX-MC-A2C_REV F,2020-12-21

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