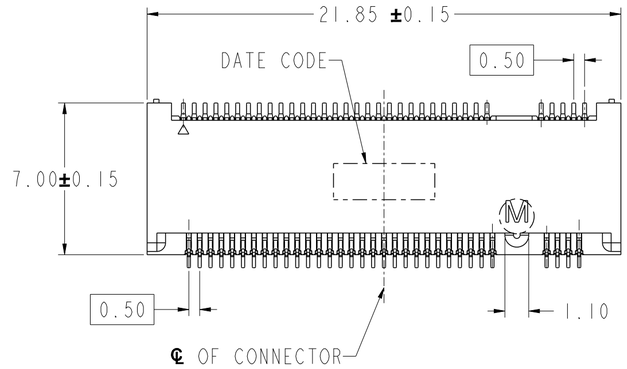
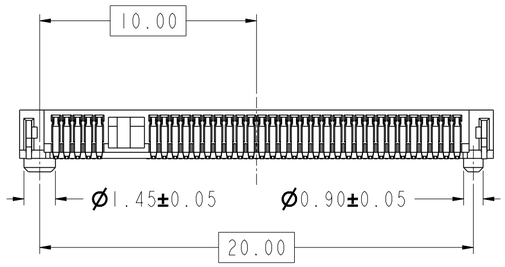
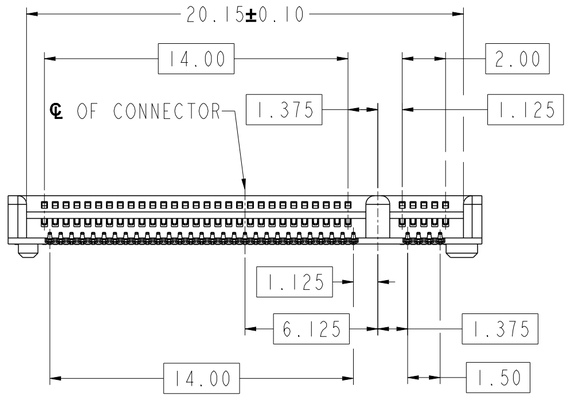
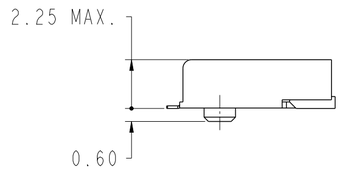
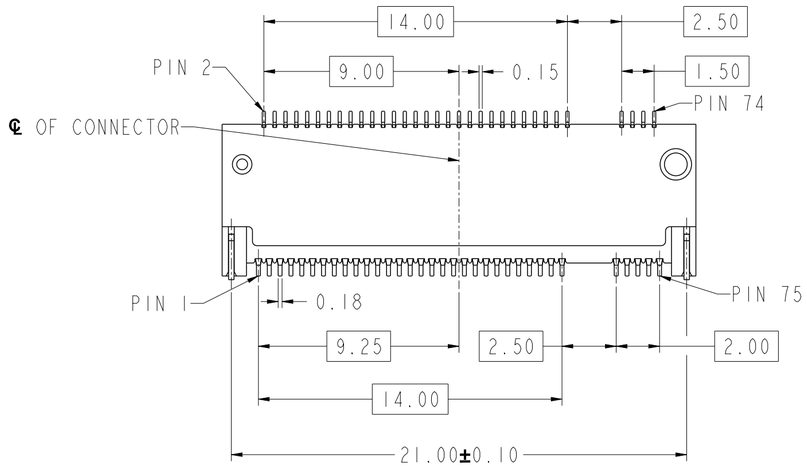
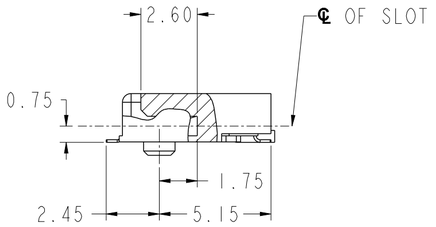


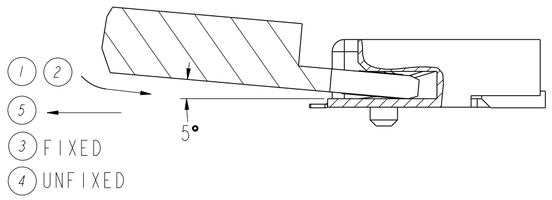












MATING: (1) CARD INSERTING(5°) → (2) ROTATING AND HORIZONTAL INSERTING → (3) FIXED
UNMATING: (4) UNFIXED → (5) CARD EXTEACTION

spec ref			dr	Wang, Xiao-Bin	2024/05/03	projection	MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Wang, Xiao-Bin	2024/06/11		
			chr	-	-	size A2	scale 5:1
			appr	Breeze Lv	2024/06/11	ecn no ELX-DG-51746-1	
						product family -	rel level Released
surface -	linear	0.X ±0.30	Amphenol FCi	title	M.2 CONN P=0.5mm 2.25H_GEN4_M_KEY	dwg no 10173652	rev B
		0.XX ±0.25					
		0.XXX ±0.15					
	angular	0° ±°			cat. no. -	Product - Customer Drw	sheet 1 of 3

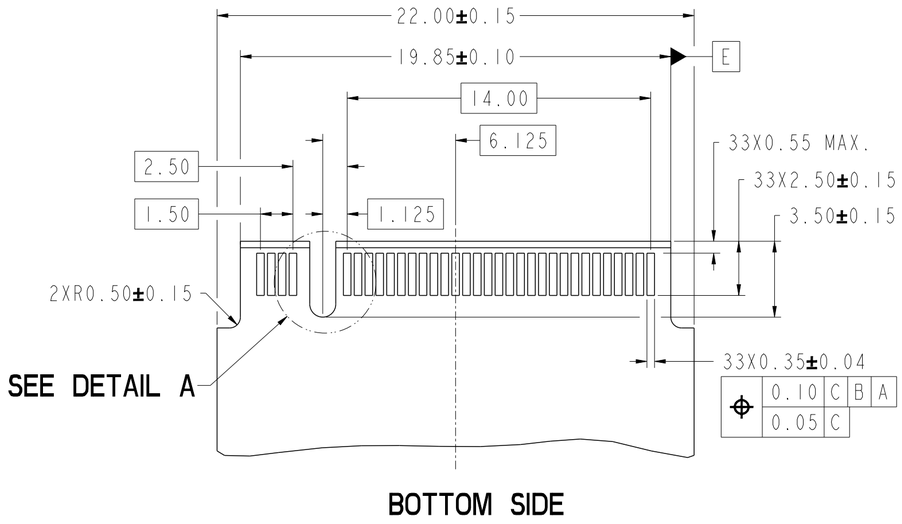
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Creo File:ELX-MC-A2C,REV F,2020-12-21

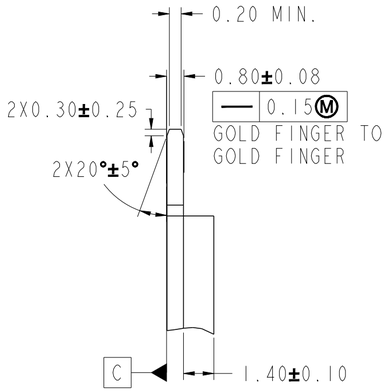
PDS: Rev :B STATUS: Released Printed: Jun 11, 2024

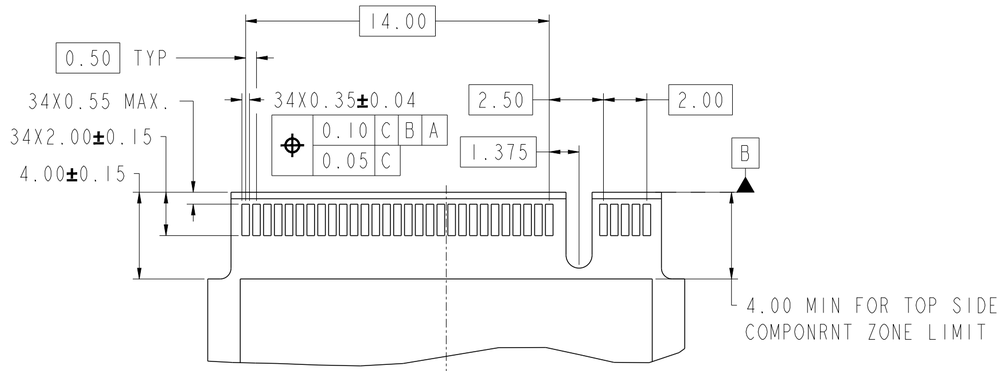
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RECOMMENDED PLUG PCB

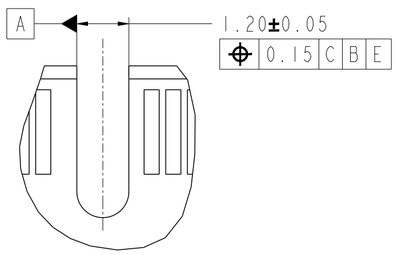


BOTTOM SIDE

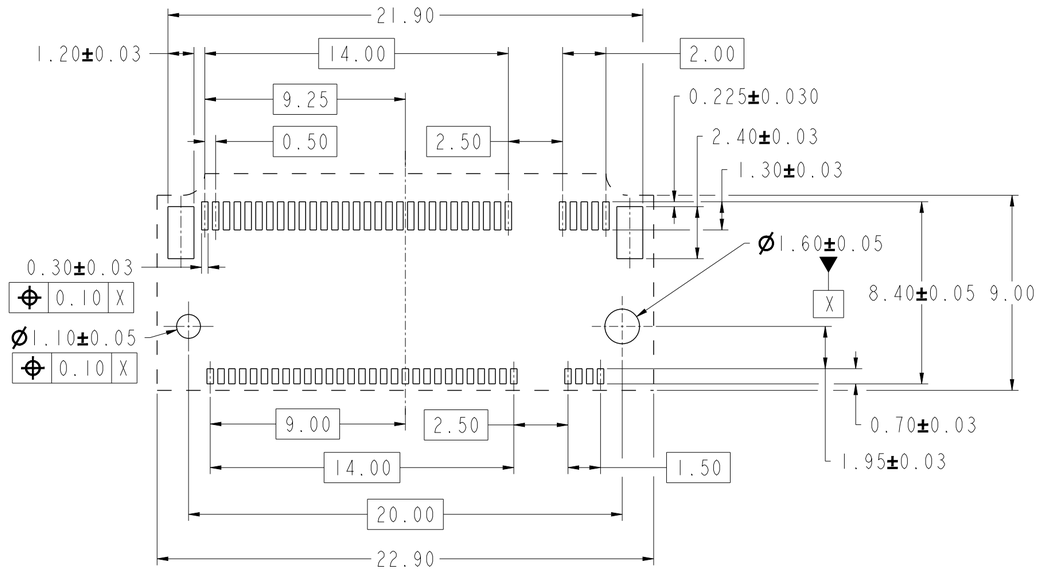




TOP SIDE



DETAIL A
SCALE 10:1



RECOMMENDED PCB LAYOUT

spec ref			dr	Wang, Xiao-Bin	2024/05/03	projection	MM	size A2 / scale 5:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Wang, Xiao-Bin	2024/06/11			ecn no ELX-DG-S1746-1
			chr	-	-			
			appr	Breeze Lv	2024/06/11	product family -		rel level Released
surface -	linear	0.X ±0.30	Amphenol FCi	title	M.2 CONN P=0.5mm 2.25H_GEN4_M_KEY		dwg no 10173652	rev B
		0.XX ±0.25						
		0.XXX ±0.15						
	angular	0° ±°		cat. no. -	Product - Customer Drw			sheet 2 of 3

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NOTES:

1. MATERIAL :
   1.1 HOUSING: THERMOPLASTIC. HIGH TEMPERATURE,
   UL94 V-0, COLOR: BLACK.
   1.2 CONTACT: COPPER ALLOY.
   1.3 FITTING NAIL: COPPER ALLOY.

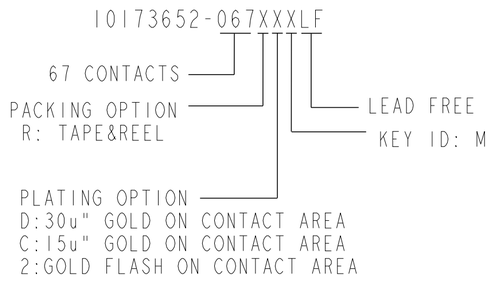
2. FINISH :
   2.1 CONTACT
   [SEE PART NUMBER DESCRIPTION] GOLD PLATING ON THE CONTACT AREA.
   GOLD FLASH PLATING ON THE SOLDERING AREA.
   1.27um~2.54um [50u"~100u"] MIN. NICKEL UNDERPLATING OVERALL.
   2.2 FITTINS NAIL
   2.54um~5.08um [100u"~200u"] MIN. MATTE-TIN PLATING ON THE SOLDERING AREA.
   1.27um~2.54um [50u"~100u"] MIN. NICKEL UNDERPLATING OVERALL.

3.DATE CODE : YYWWDLX
   YY : YEAR (14: 2014)
   WW : WEEK (25: 25TH WEEK)
   D : DAY (1~7: SUNDAY~SATURDAY)
   L : LINE NUMBER OF ASSEMBLY (A: LINE A)
   X : D OR N (D: DAY, N: NIGHT)

4.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS
   IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

5. PRODUCTOR SPECIFICATION: GS-12-1971.

PART NUMBER DESCRIPTION:



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spec ref			dr Wang, Xiao-Bin 2024/05/03	projection	MM	size A2	scale 3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Wang, Xiao-Bin 2024/06/11			ecn no ELX-DG-S1746-1	
			chr - -				
			appr Breeze Lv 2024/06/11	product family -		rel level Released	
surface -	linear	0.X ±0.30	Amphenol FCi	title M.2 CONN P=0.5mm 2.25H_GEN4_M_KEY		dwg no 10173652	rev B
		0.XX ±0.25					
		0.XXX ±0.15					
	angular	0° ±°		cat. no. -	Product - Customer Drw		sheet 3 of 3

Crea File:ELX-MC-A2C,REV F,2020-12-21

PDS: Rev :B STATUS:Released Printed: Jun 11, 2024

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