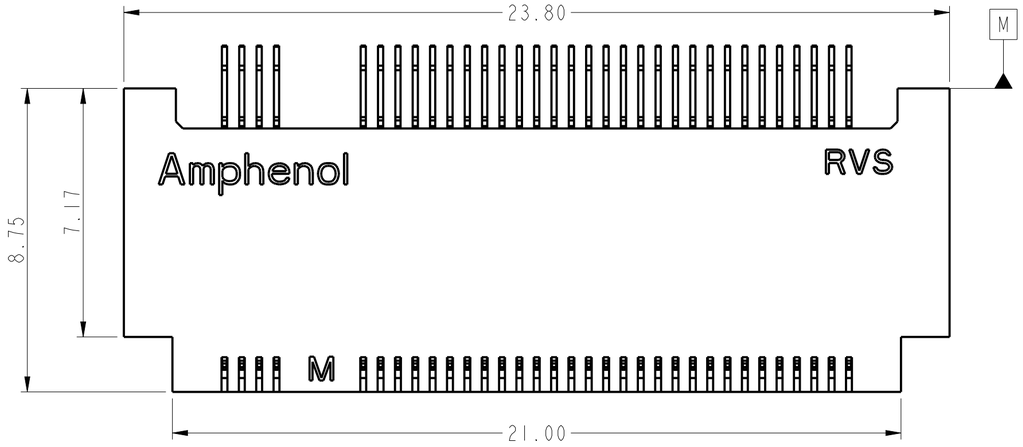
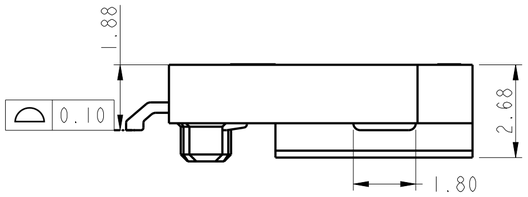
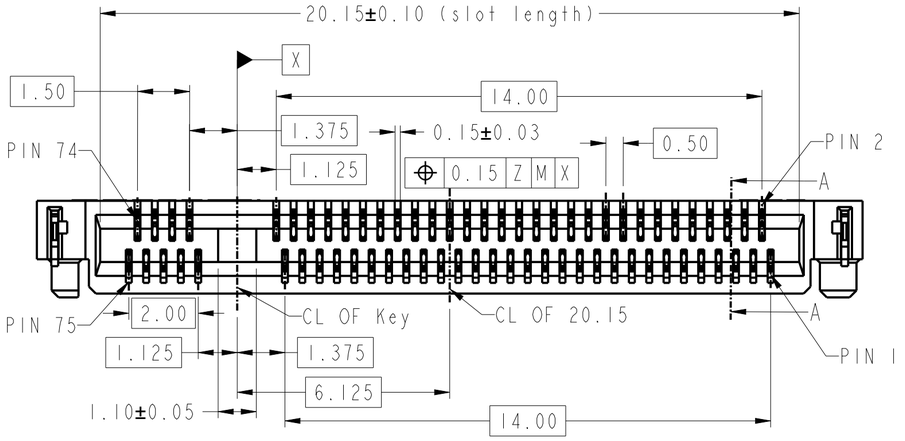
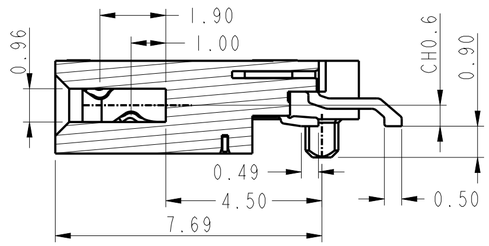


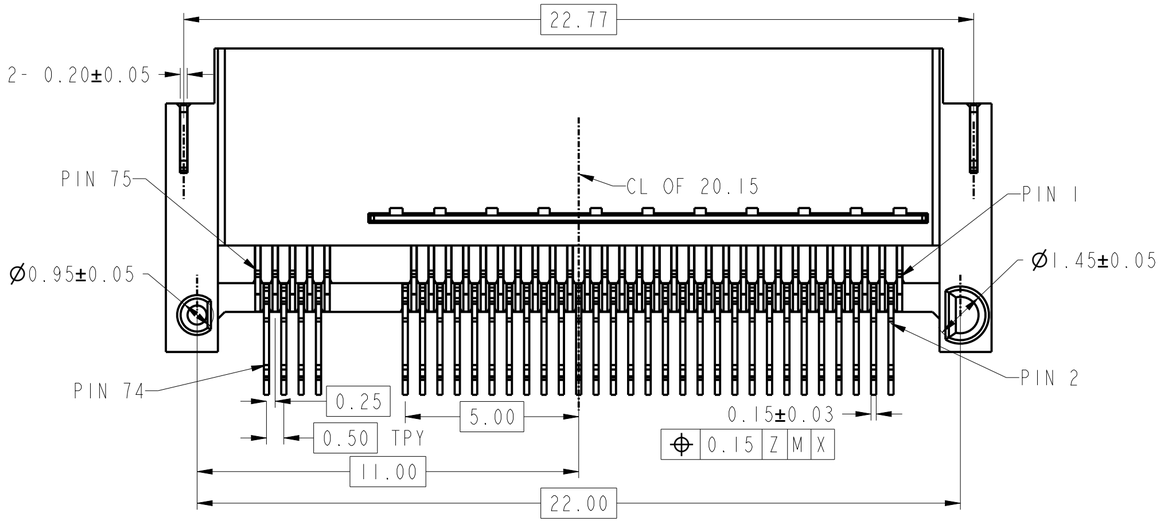
NOTES:
1:MATERIAL SPECIFICATION:
1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC,UL 94 V-0, COLOR:BLACK
1.2 CONTACT: COPPER ALLOY
1.3 TAB:COPPER ALLOY
1.4 GROUND BAR: STAINLESS STEEL
2:PLATING SPECIFICATION
2.1 CONTACT:
50u'Min NICKEL UNDER PLATING OVER ALL, G/F ON SOLDER AREA.
GOLD PLATING ON CONTACT AREA SEE PART NUMBER TABLE
2.2 TAB:
50u'Min NICKELUNDER PLATING OVER ALL
80u'Min MATTE TIN PLATING ON SOLDER AREA.
3.DATE CODE BE PRINTED ON PROPER SURFACE
4.SPECIFICATION:
PRODUCT SPECIFICATION:FCI GS-12-XXXX
PACKING SPECIFICATION:GS-14-XXXX
APPLICATION SPECIFICATION:FCI GS-20-XXXX
5.LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DRECTIVES&OTHERS
COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
6.THE CONNECTOR WILL WITHSTAND EXPOSURE TO 260°C PEAK TMPERATURE
FOR 10-30 SECONDS IN CONVECTION INFAR-RED OR VAPOR PHASE REFLOW OVEN







SECTION A-A



7.PART NUMBER DESCRIPTION
10181068-00XRLF

LF:LEAD FREE&RoHS COMPLIANCE

PACKING CODE
R:TAP&REEL PACKING

PLATING CODE
1:GOLD FLASH ON CONTACT AREA
2:10u'Min GOLD ON CONTACT AREA
4:15u'Min GOLD ON CONTACT AREA
5:30u'Min GOLD ON CONTACT AREA

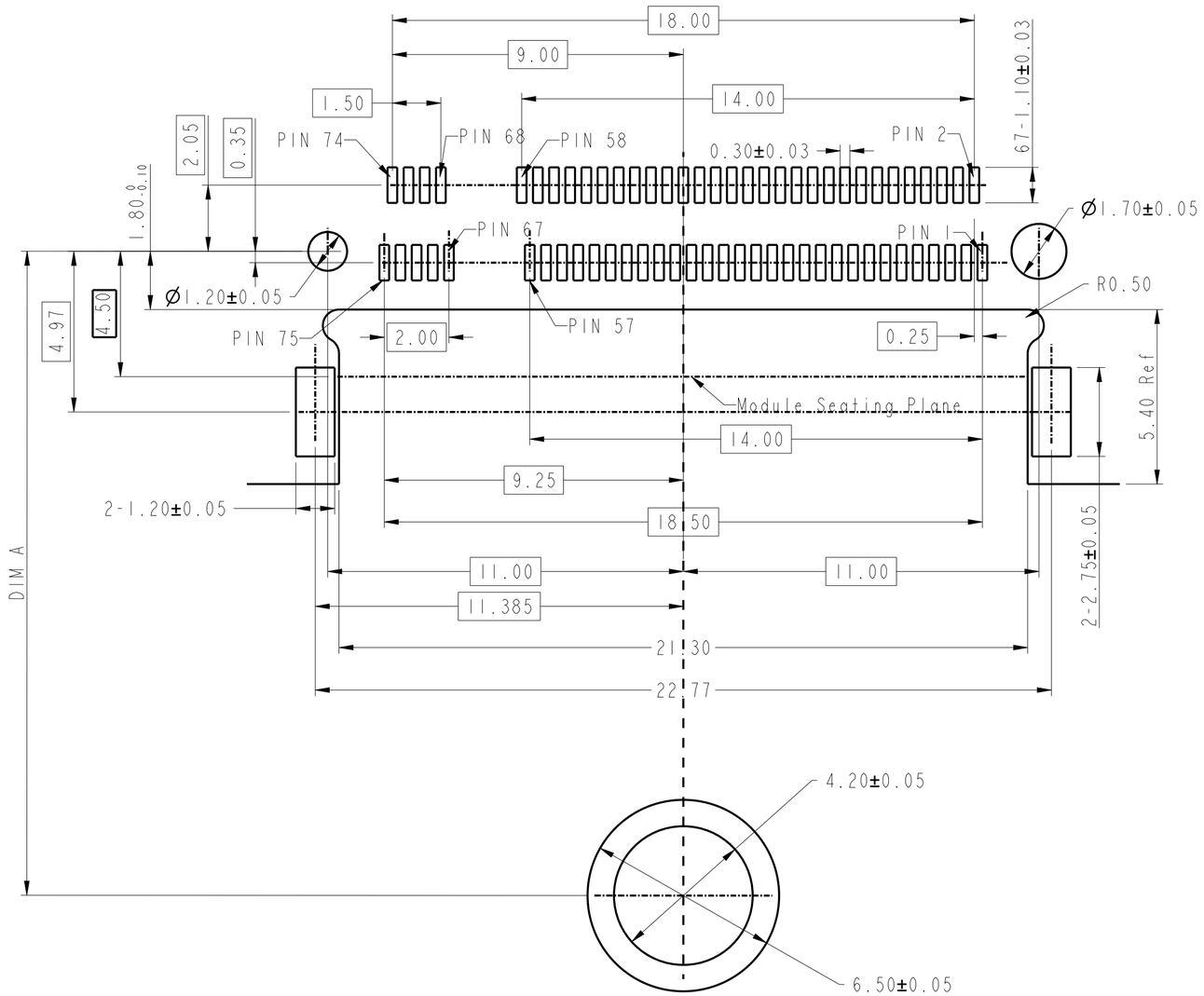
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	JASON WANG	2025/4/21	size A2	scale 8:1
			chr			ecn no	
			appr	Breeze lv	2025/4/21	product family	rel level preliminary
surface	linear	0.X ±.3	Amphenol FCi	title	M.2 GEN5 RVS CONNECTOR	dwg no 10181068	rev 3
		0.XX ±.20			M KEY 1.88H		
		0.XXX ±.100					
	angular	0° ±22°			cat. no. -		sheet 1 of 3

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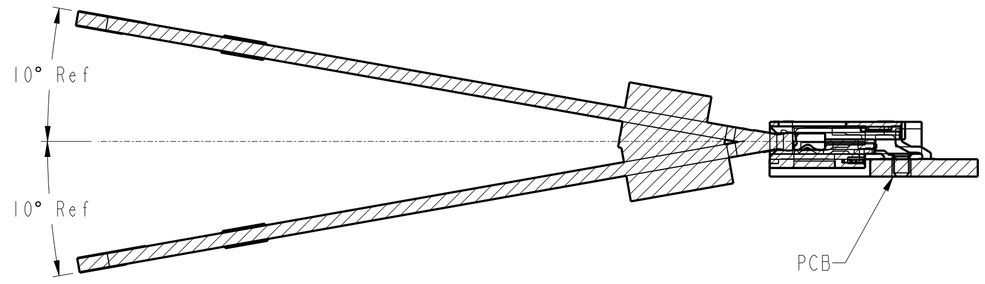
Creo File:ELX-MC-A2C_REV F_2020-12-21

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RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE ±0.05mm



scale 4:1

22110	110	114.5
2280	80	84.5
2260	60	64.5
3042 2242	42	46.5
3030 2230	30	34.5
Card type	Moudle card Length(mm)	DIM A(mm)

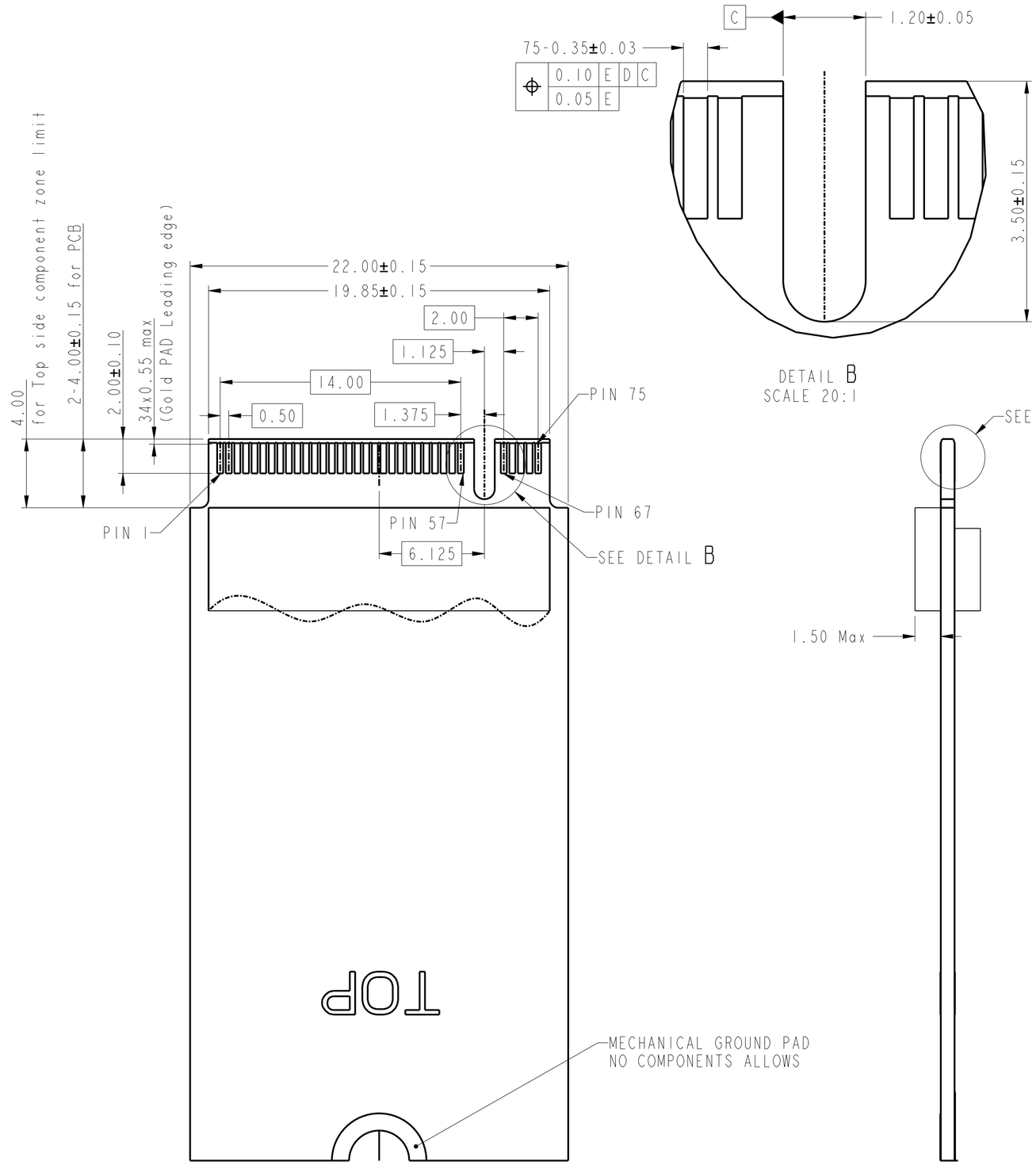
spec ref			dr	JASON WANG	2025/4/21	projection	mm	size A2 / scale 8:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	JASON WANG	2025/4/21			ecn no
			chr					
			appr	Breeze lv	2025/4/21	product family		rel level: preliminary
surface ✓	linear	0.X	±.3	Amphenol FCi	title: M.2 GEN5 RVS CONNECTOR M KEY 1.88H		dwg no: 10181068	rev: 3
		0.XX	±.20					
		0.XXX	±.100					
	angular	0°	±2°		cat. no.	-		sheet 2 of 3

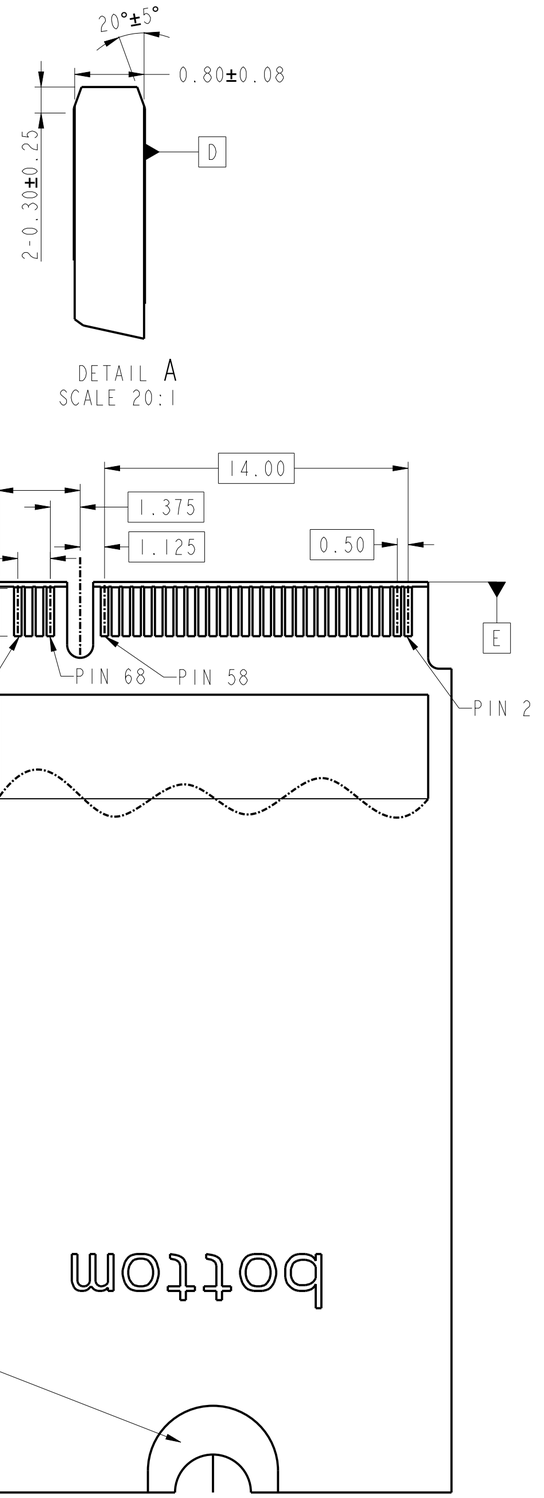
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Creo File:ELX-MC-A2C,REV F,2020-12-21

PDS: Rev :A STATUS: Released Printed: Nov 13, 2025

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spec ref			dr	JASON WANG	2025/4/21	projection	mm
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	JASON WANG	2025/4/21	size A2	scale 8:1
			chr			ecn no	
			appr	Breeze lv	2025/4/21	product family	rel level preliminary
surface	linear	0.X ±.3	Amphenol FCi	title	M.2 GEN5 RVS CONNECTOR	dwg no 10181068	rev 3
		0.XX ±.20			M KEY 1.88H		
		0.XXX ±.100					
	angular	0° ±2°		cat. no.	-		sheet 3 of 3

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