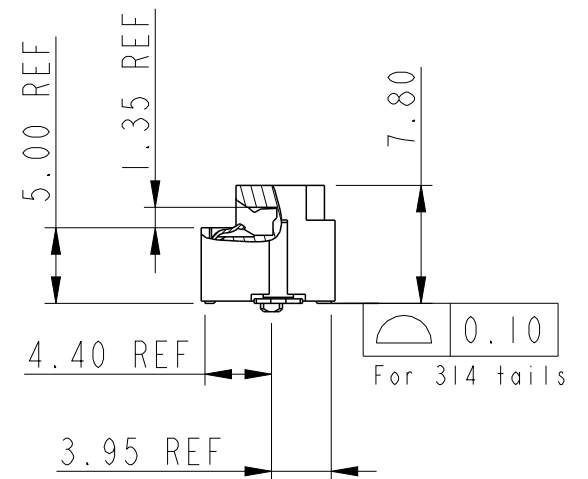
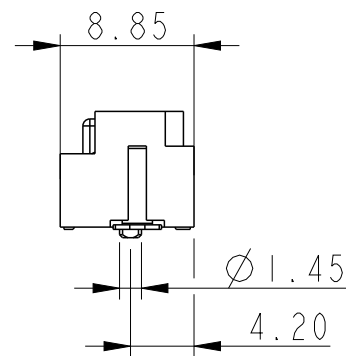
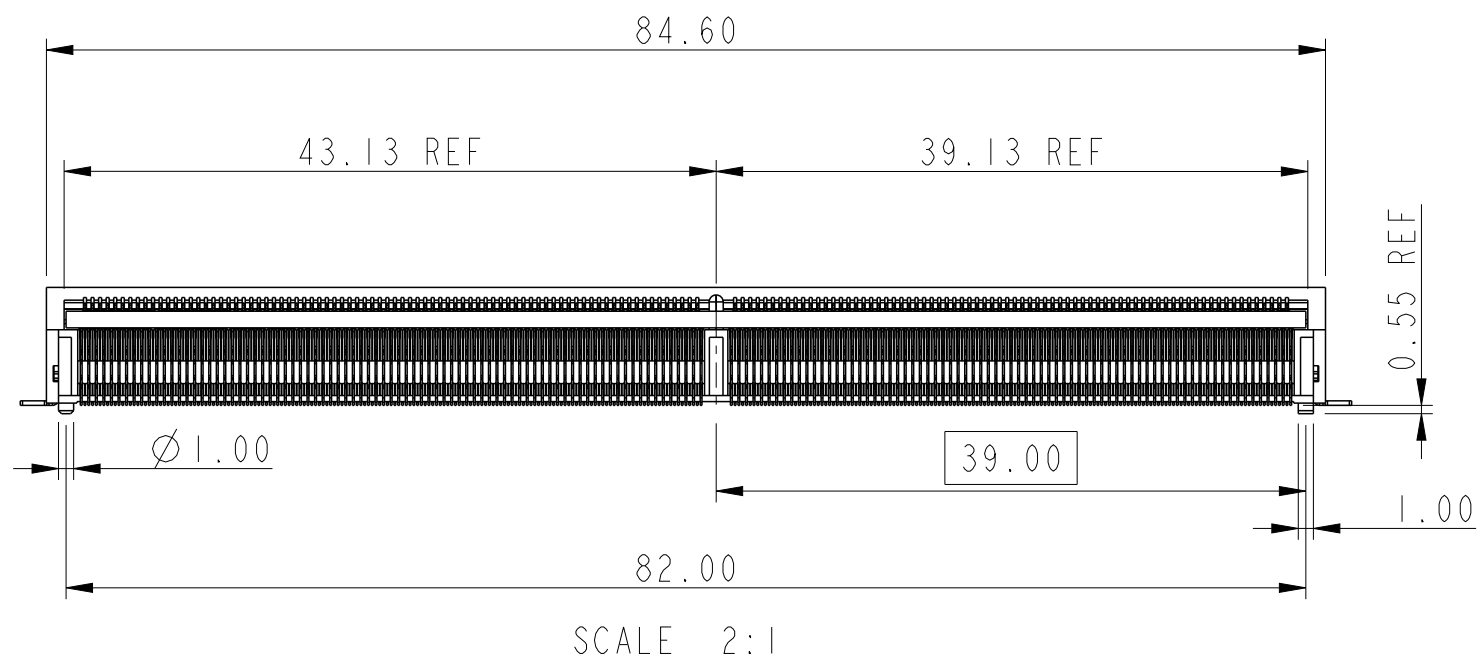
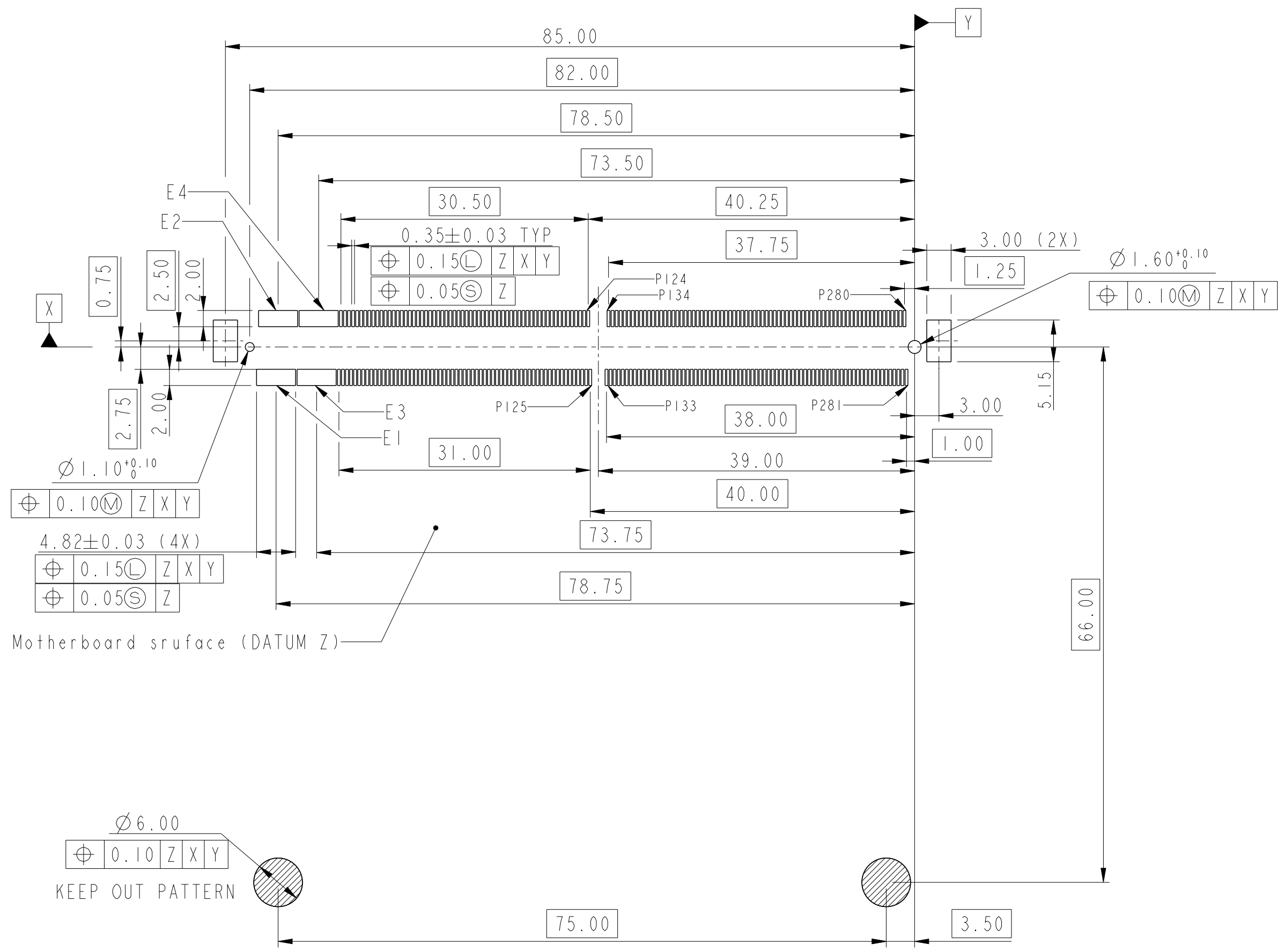


RECOMMENDED CARD INSERTION:  
1: INSERT CARD WITH 30° ANGLE  
2: ROTATE CARD TO HORIZONTAL  
3: WITHDRAW CARD WITH 25° ANGLE

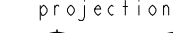



PRELIMINARY

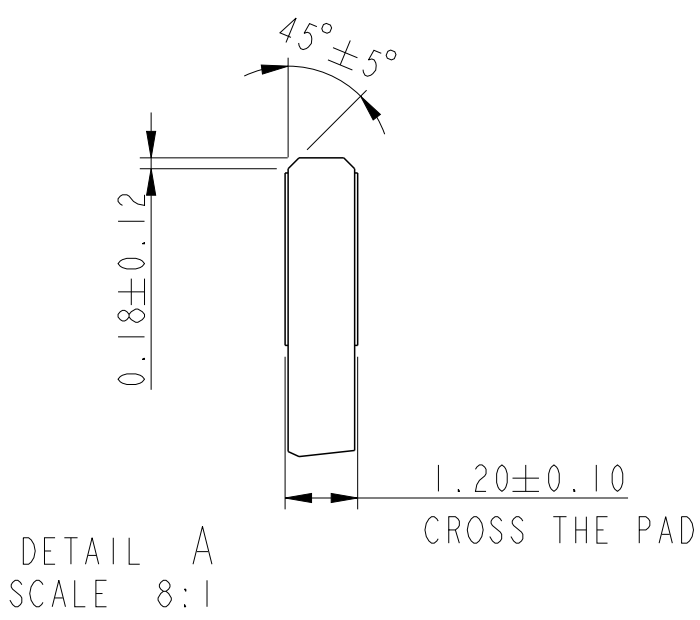
spec ref -				dr Zhen-Hua Liu		2020/10/16		<div>projection</div>	<div>mm</div>	size A3	scale 1:1	
tolerance std				eng -		2022/04/01				ecn no -		
ISO 406				chr -		-						
ISO 1101				appr -		-				product family - rel level Preliminary		
TOLERANCES UNLESS OTHERWISE SPECIFIED												
surface <div>ISO 1302</div>	linear	0.X	±0.3	Amphenol FCI	title MXM 3.0 Connector	dwg no 10151114	rev 1					
		0.XX	±0.20									
		0.XXX	±0.10									
	angular	0°	±2°									
				cat. no. -		Product - Customer Drw				sheet 1 of 6		







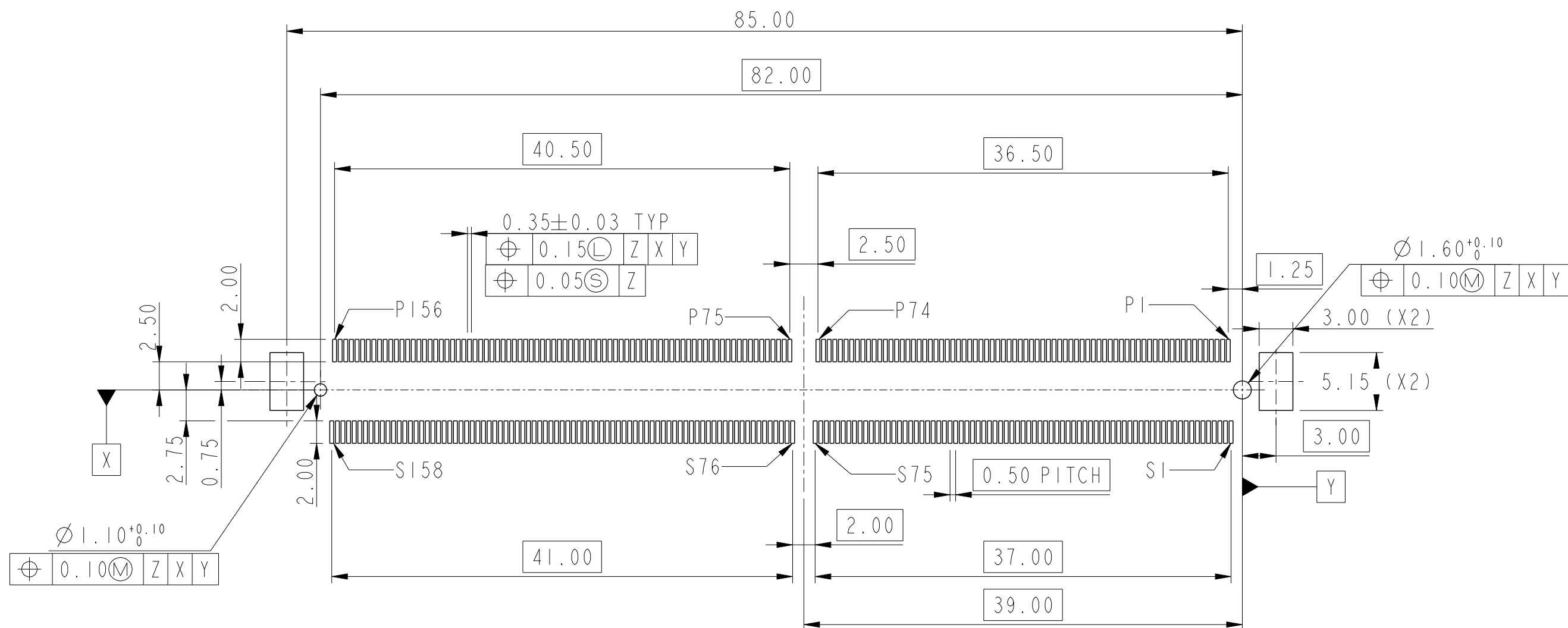
RECOMMENDED MXM PCB LAYOUT

spec ref -		dr Zhen-Hua Liu		2020/10/16			size A3	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng -	2022/04/01			ecn no -	
			chr -	-			rel level Preliminary	
			appr -	-				
product family -								
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI		title MXM 3.0 Connector RA SMT	dwg no 10151114	rev 1
		0.XX	±0.20					
		0.XXX	±0.10					
	angular	0°	±2°	cat. no. -	Product - Customer Drw		sheet 2 of 6	

RECOMMENDED MXM MODULE CARD LAYOUT



spec ref -				dr Zhen-Hua Liu		2020/10/16				size A3		scale 1:1							
tolerance std				eng -		2022/04/01				ecn no -									
ISO 406				chr -		-				rel level Preliminary									
ISO 1101				appr -		-				product family -									
surface			linear	0.X	±0.3					title MXM 3.0 Connector				dwg no 10151114				rev 1	
				0.XX	±0.20														
				0.XXX	±0.10														
ISO 1302			angular	0°	±2°					cat. no. -				Product - Customer Drw				sheet 3 of 6	

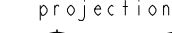



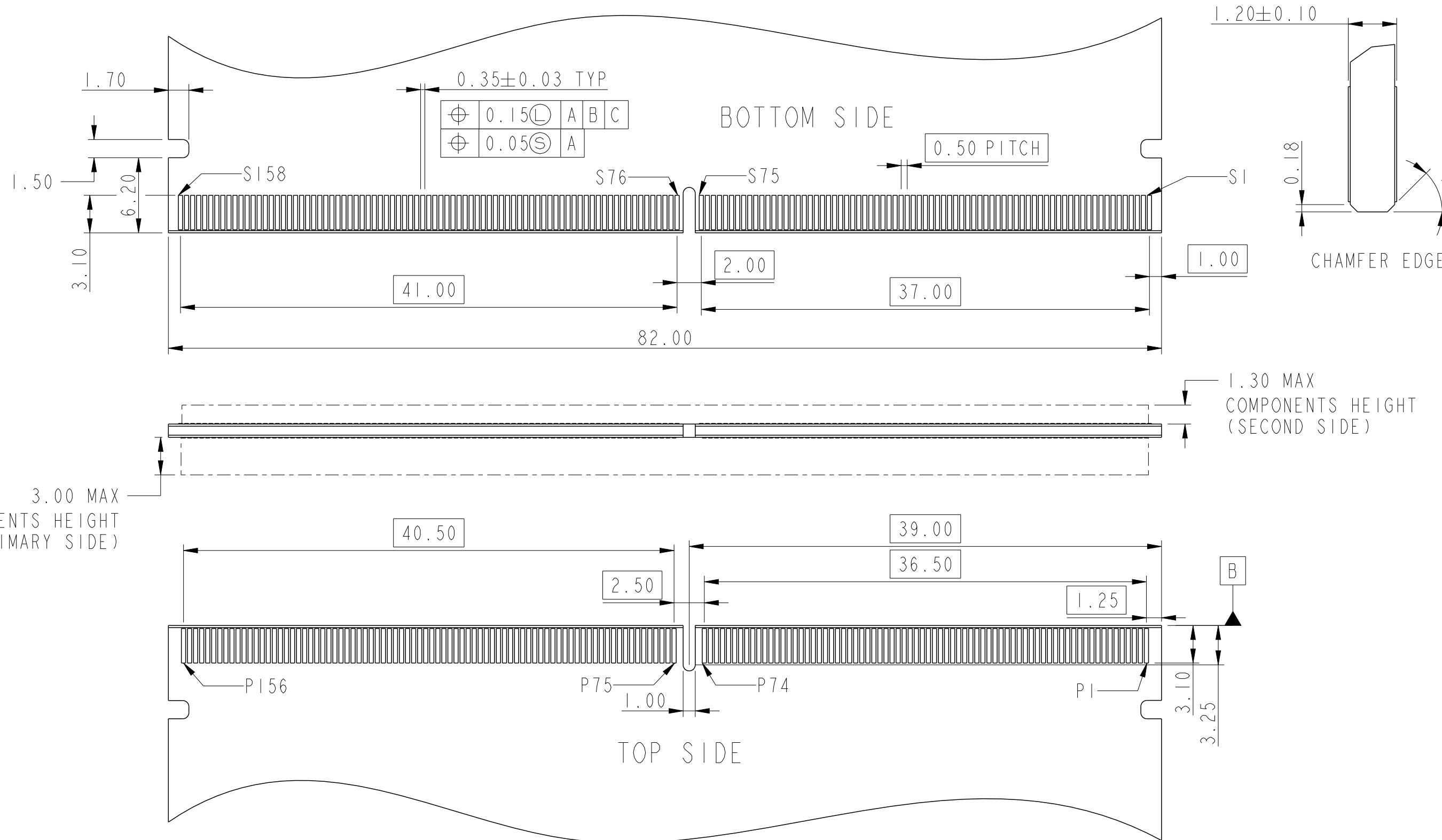
SCALE 5:2

MOTHER BOARD SURFACE(DATUM Z)

### RECOMMENDED SMARC PCB LAYOUT

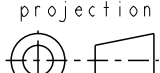

PRELIMINARY

spec ref -		dr Zhen-Hua Liu		2020/10/16			size A3	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng -	2022/04/01			ecn no -	
			chr -	-			rel level Preliminary	
			appr -	-				product family -
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI	title MXM 3.0 Connector RA SMT		dwg no 10151114	rev 1
		0.XX	±0.20					
		0.XXX	±0.10					
	angular	0°	±2°					



RECOMMENDED SMARC MODULE CARD LAYOUT

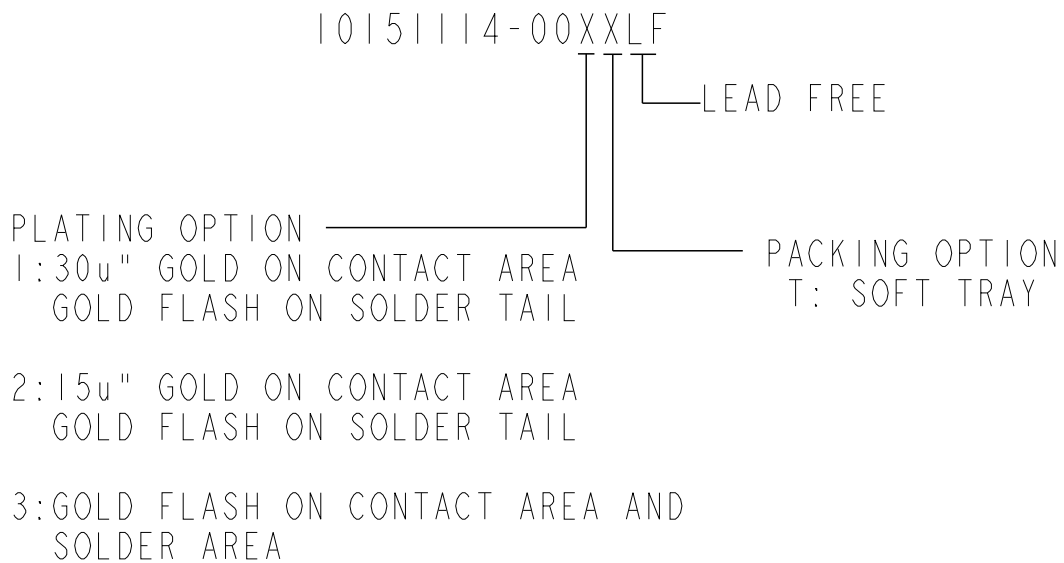
CROSS THE PAD

										PRELIMINARY		
spec ref -				dr	Zhen-Hua Liu	2020/10/16			size	A3	scale	1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	-	2022/04/01			ecn no	-		
				chr	-	-						
				appr	-	-			product family -			rel level
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI	title MXM 3.0 Connector RA SMT				dwg no	10151114		rev 1
		0.XX	±0.20									
		0.XXX	±0.10									
	angular	0°	±2°		cat. no. -		Product - Customer Drw				sheet 5 of 6	

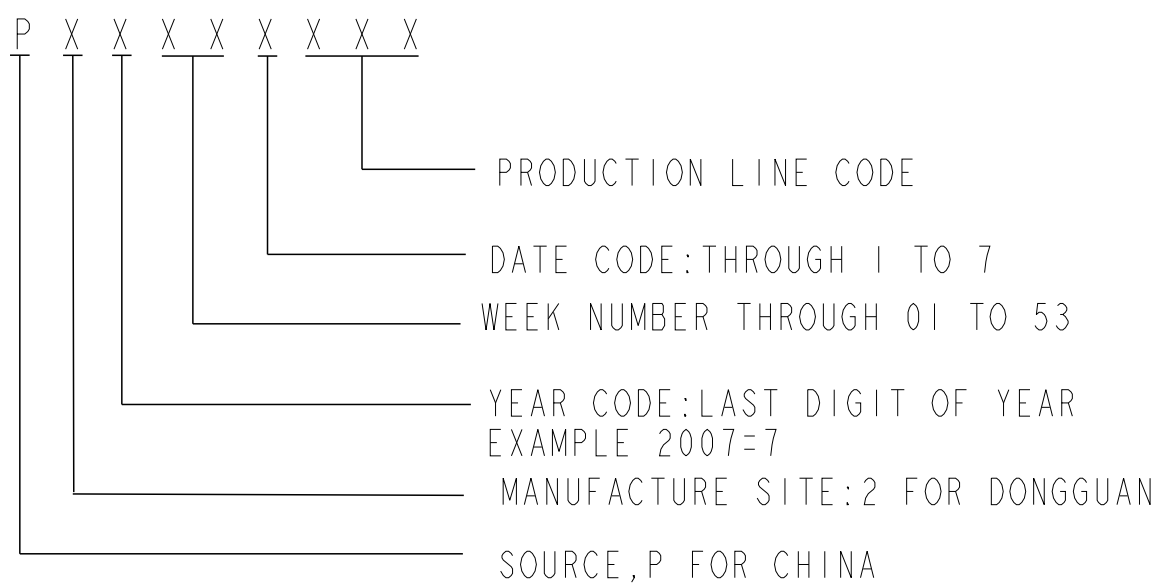
NOTES:

1. MATERIAL:  
HOUSING: HIGH TEMPERATURE RESIN,HF, BLACK UL 94V-0  
TERMINAL: COPPER ALLOY  
HOLD DWON:COPPER ALLOY
2. PRODUCT SPEC:GS-12-1531
3. FINISH:  
NICKLE UNDERPLATING  
CONTACT AREA: Au PLATING or GXT PLATING  
SOLDER TAIL: GOLD FLASH PLATING
- 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, DATE CODE(SSYYWWD) TO BE LASER MARKED ON THIS SURFACE TEXT TO BE AT LEAST 0.8MM TALL.
6. THE MXM CONNECTOR IS ALSO CAPABLE FOR SMARC MODULE APPLICATION ,PLEASE REFER TO SMARC SPECIFICATION FOR PCB FOOTPRINT&LAYOUT

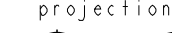

PRODUCT NUMBER CODE



DATE CODE INFORMATION



PRELIMINARY

spec ref -		dr Zhen-Hua Liu		2020/10/16				size A3	scale 1:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng -	2022/04/01				ecn no -		
			chr -	-				rel level Preliminary		
			appr -	-						
product family -										
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title MXM 3.0 Connector RA SMT			dwg no 10151114	rev 1	
		0.XX	±0.20							
		0.XXX	±0.10							
	angular	0°	±2°							cat. no. -