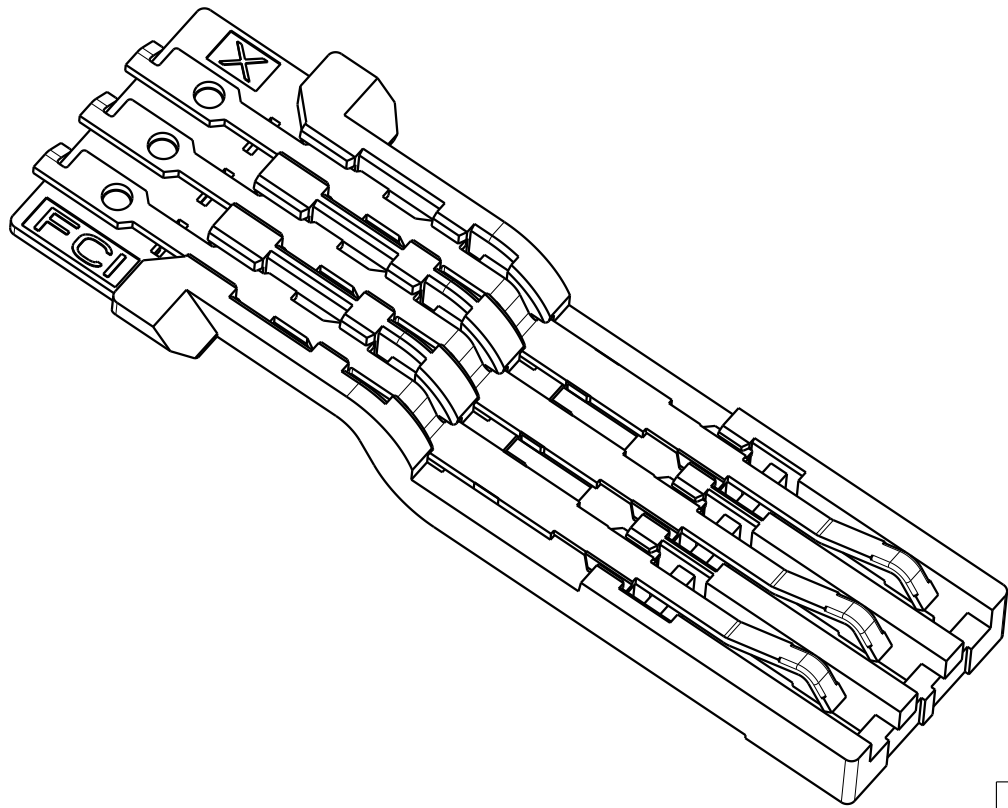


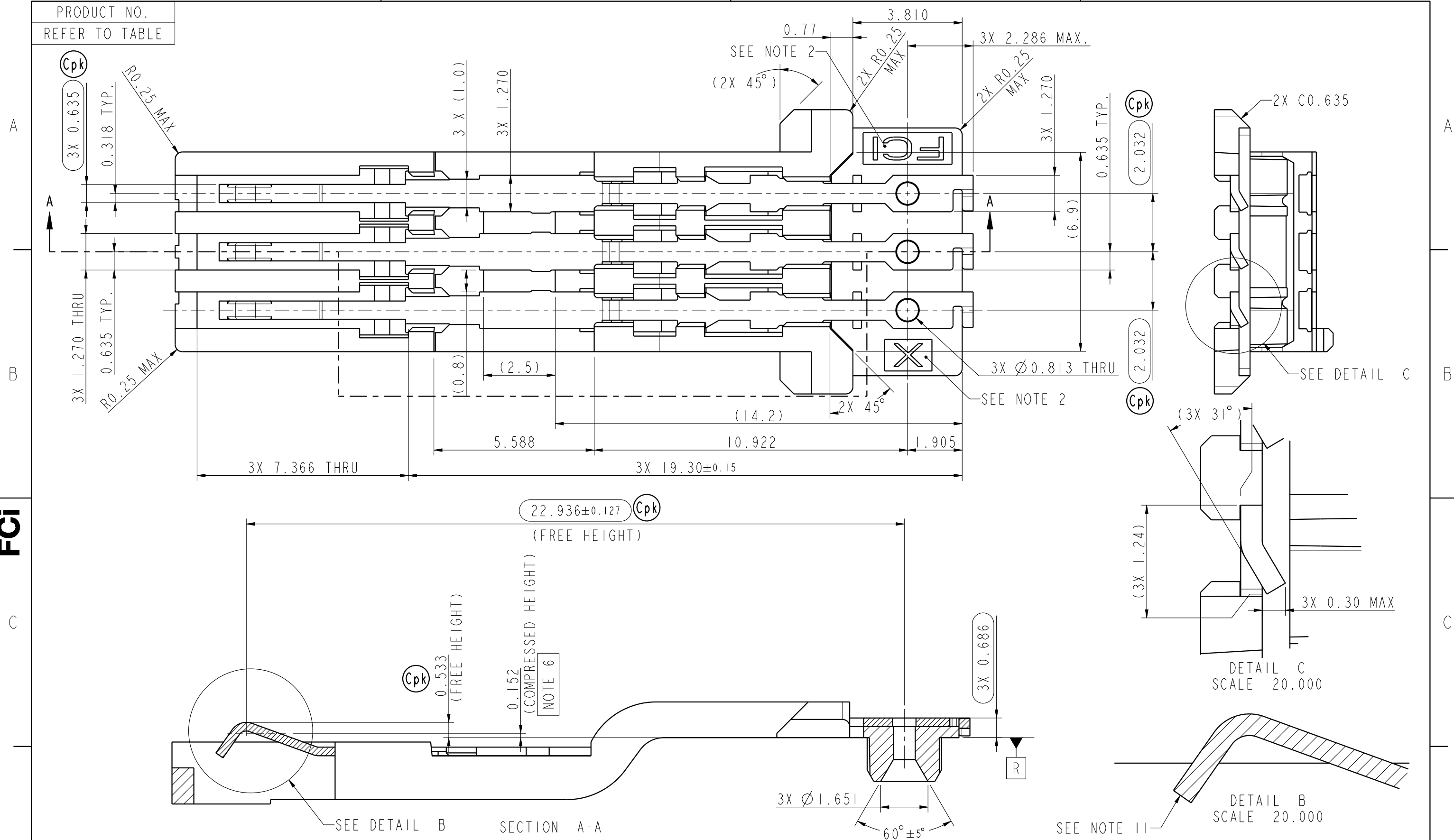


NOTES:

1.
- MATERIAL
HOUSING: LCP BLACK, UL94V-0
CONTACT: COPPER ALLOY.
PLATING: SEE PAGE 4
2.
- LOGO, CAVITY I.D. TO BE PLACE APPROXIMATELY WHERE SHOWN THEY ARE TO BE INDENTED TO A DEPTH OF 0.13mm. HIGH SHINE MARKING IS ACCEPTABLE.
3.
- FLASH MUST REMAIN WITHIN THE SIZE LIMITS ESTABLISHED BY THE TOLERANCE. NO FLASH IS ALLOWED ON DATUM ON DATUM SURFACES AND LOOSE FLASH MUST BE REMOVED. EJECTOR PIN MARKS TO BE FLUSH WITH SURROUNDING SURFACE. DO NOT USE SLICONE MOLD RELEASE.
4.
- GATE, EJECTOR PIN AND PARTING LINE LOCATIONS MUST BE APPROVED BY CUSTOMER ENGINEERING PRIOR TO MOLD CONSTRUCTION.
5.
- PACKAGING: TAPE AND REEL AS PER PACKAGING SPEC GS-14-809.
6.
- MECHANICAL REQUIREMENTS:
A. COMPRESSIBLE CONTACT SHALL HAVE A 140±30g FORCE AT 0.152mm HEIGHT ABOVE DATUM -R- AS RECEIVED AND AFTER 20 CYCLES.
B. THE SPRING RATE OF THE PIN SHALL BE REFERENCE (245 OR 367±75) GRAMS/MM MEASURED AT 0.152mm ABOVE DATUM -R-.
C. CONTACT SURFACE TO BE ROUNDED WITH CONTINUOUS SURFACE CONTACT AND NO SHARP EDGES.
D. THE FORCE AND SPRING RATE MEASUREMENT SHALL BE CALCULATED BY AVERAGING THE COMPRESSION AND DECOMPRESSION CURVES.
E. CONTACT RETENTION: 200gf MINIMUM PER CONTACT.
7.
- ALL MATERIALS SHOULD BE COMPLIED WITH SPM ENVIRONMENT-RELATED SUBSTANCES SPECIFICATION: 69707219*** AND SPM HALOGEN-FREE SPECIFICATION: 69820209***.
8.
- NO PLATING REQUIRED IN CUT OFF SECTIONS.
9.
- ALL SHARP EDGES MAY HAVE A RADII OF 0.25mm MAX.
10.
- GATE VESTAGE OF (0.25mm MAX) ALLOWABLE TO OUT BOARD SIDES OF CONNECTOR.
11.
- PIN HEAD SHOULD BE COVERED BY CONNECTOR HOUSING.
12.
- NO DENTS ARE ALLOWED ON PIN.
- Cpk
- MEANS CPK STUDY IS REQUIRED.
14.
- ALL SHARP EDGES MAY HAVE A RADII OF 0.25mm MAX.
15.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
16.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED ON GS-47-0004.

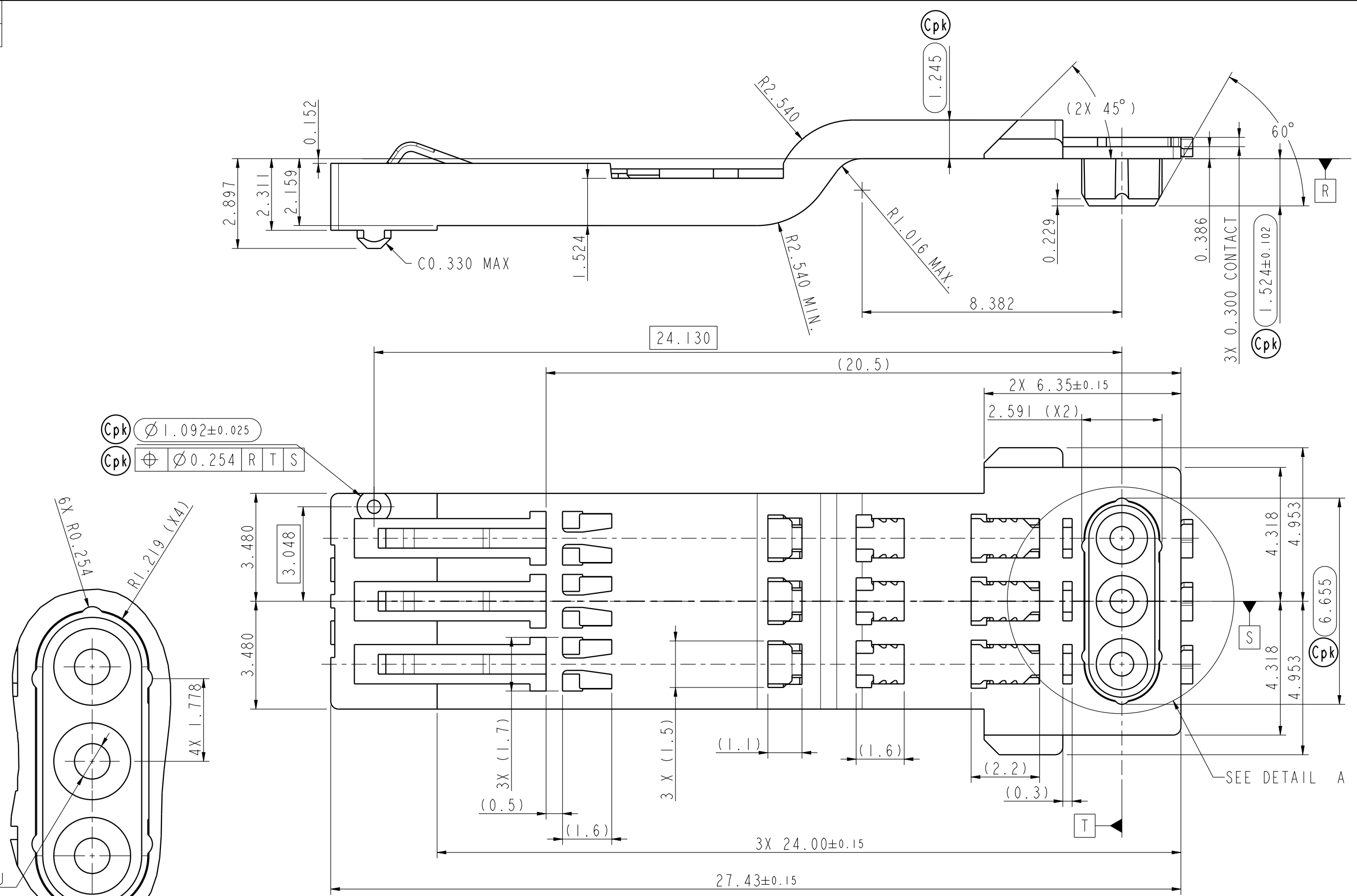
spec ref				dr		Dennis Goh	2010/03/04		projection		MM		size		A3	scale		5.000						
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Dennis Goh	2017/04/20						ecn no				ELX-S-26718-1					
ASME Y14.5						chr		-		-					rel level				Released					
ASME Y14.5						appr		Koon-Poh Tay		2017/05/04		product family							-					
surface -		linear		0.XX		±0.254		Amphenol FCI		title		3P SPIN MOTOR CONNECTOR ASSY. 2.032mm PITCH		dwg no		10107246		rev		G				
																					0.XXX		±0.076	
																					0.XXXX		±0.0127	
-		angular		0°		±1°				cat. no.		-		Product - Customer Drw				sheet 1 of 4						

PRODUCT NO.
REFER TO TABLE



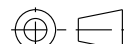
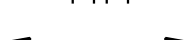
spec ref				dr	Dennis Goh	2010/03/04	projection 	MM 	size	A3	scale	8.000		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Dennis Goh	2017/04/20			ecn no	ELX-S-26718-1				
ASME Y14.5				chr	-	-								
ASME Y14.5				appr	Koon-Poh Tay	2017/05/04	product family		-	rel level	Released			
surface - 	linear	0.XX	±0.254	Amphenol FCi	title	3P SPIN MOTOR CONNECTOR ASSY. 2.032mm PITCH				dwg no	10107246		rev	G
		0.XXX	±0.076											
		0.XXXX	±0.0127											
-	angular	0°	±1°		cat. no.	-	Product - Customer Drw				sheet 2 of 4			

PRODUCT NO.
REFER TO TABLE

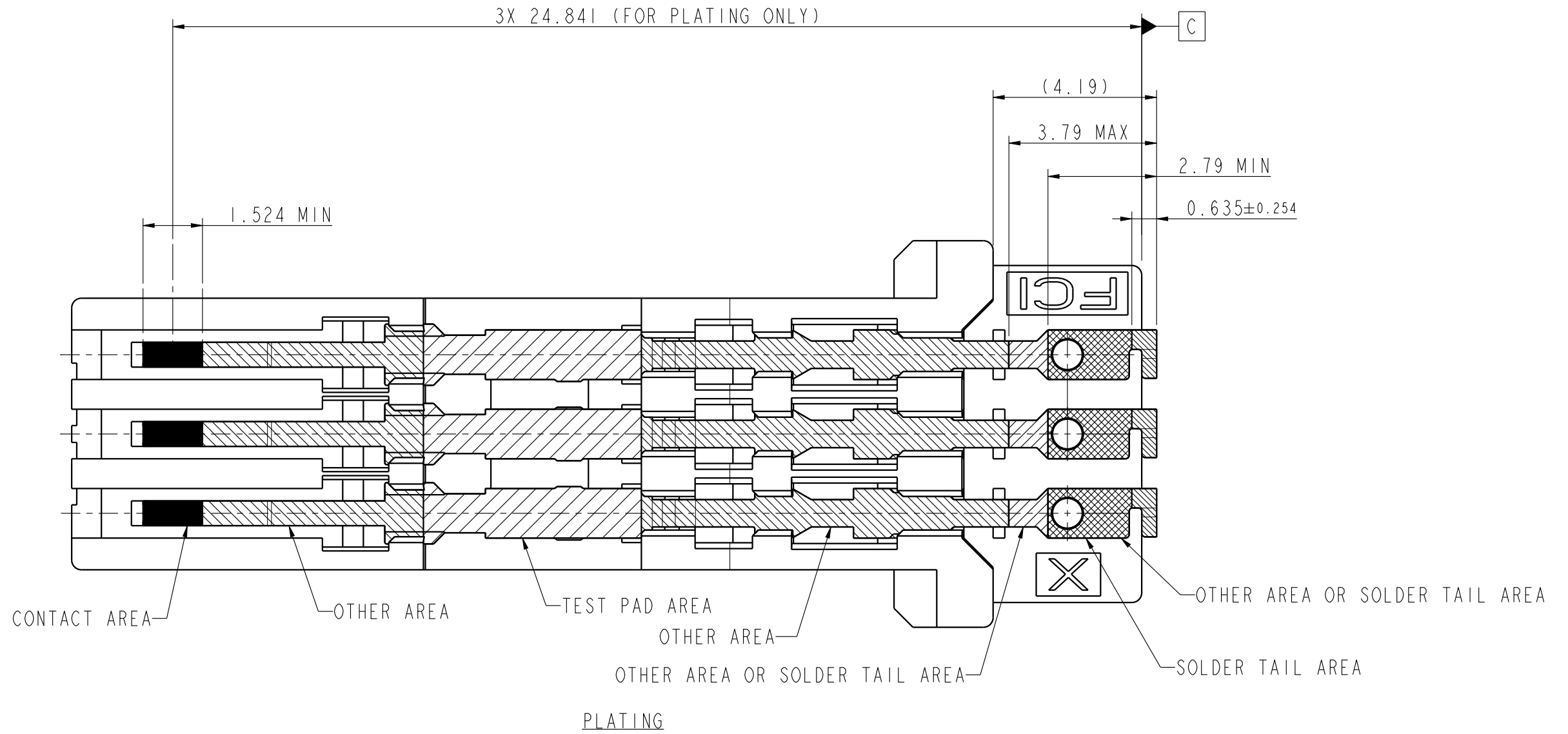


DETAIL A
SCALE 12.000

1° DRAFT ALL AROUND

spec ref				dr	Dennis Goh	2010/03/04	projection 	MM 	size	A3	scale	8.000	
tolerance std				eng	Dennis Goh	2017/04/20			ecn no				ELX-S-26718-1
ASME Y14.5				chr	-	-			rel level				Released
ASME Y14.5				appr	Koon-Poh Tay	2017/05/04			product family				-
surface - 	linear	0.XX	±0.254	Amphenol FCi	title 3P SPIN MOTOR CONNECTOR ASSY. 2.032mm PITCH				dwg no	10107246		rev G	
		0.XXX	±0.076										
		0.XXXX	±0.0127										
	angular	0°	±1°	cat. no.	-	Product - Customer Drw				sheet 3 of 4			

PRODUCT NO.
REFER TO TABLE



PRODUCT NO.	PLATING AREA			
	SOLDER TAIL AREA	OTHER AREA	CONTACT AREA	TEST PAD AREA
10107246-001TRLF	0.051um MIN GOLD OVER 1.27um MIN NICKEL.	1.27um MIN NICKEL.	0.076um MIN GOLD OVER 1.27um MIN NICKEL.	1.27um MIN NICKEL.
10107246-002TRLF	1.27um MIN MATT TIN OVER 1.27um MIN NICKEL.	1.27um MIN NICKEL.	0.076um MIN GOLD OVER 1.27um MIN NICKEL.	1.27um MIN NICKEL.
10107246-003TRLF				
10107246-004TRLF				

spec ref				dr	Dennis Goh	2010/03/04	projection	MM	size	A3	scale	8.000		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Dennis Goh	2017/04/20			ecn no				ELX-S-26718-1	
ASME Y14.5				chr	-	-			rel level				Released	
ASME Y14.5				appr	Koon-Poh Tay	2017/05/04			product family				-	
surface - -	linear	0.XX	±0.254	Amphenol FCI	title				3P SPIN MOTOR CONNECTOR ASSY.	dwg no	10107246		rev	G
		0.XXX	±0.076											
		0.XXXX	±0.0127		2.032mm PITCH									
	angular	0°	±1°		cat. no.		-	Product - Customer Drw				sheet 4 of 4		