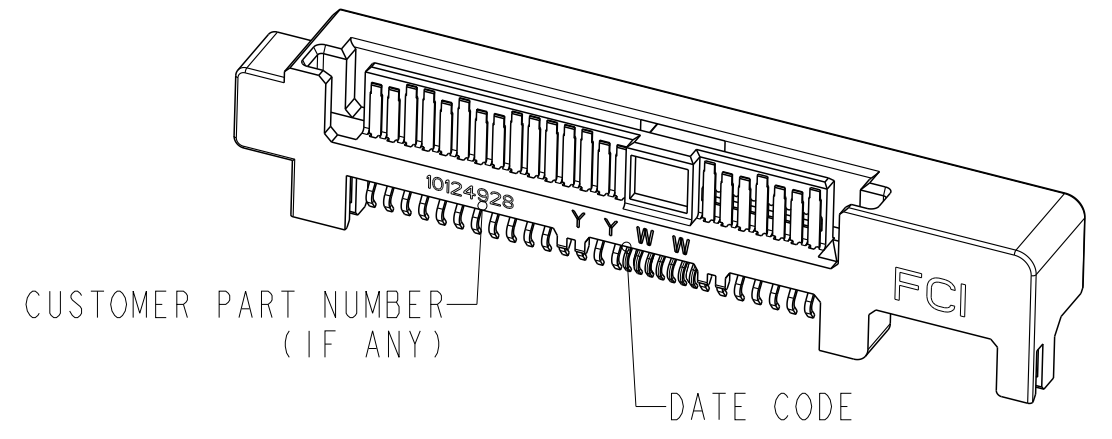
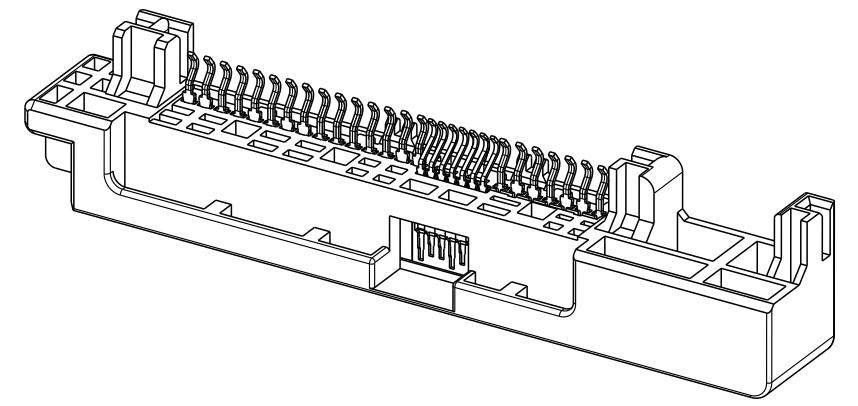
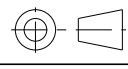


PRODUCT PART NO.
10124928-001LF

NOTES:

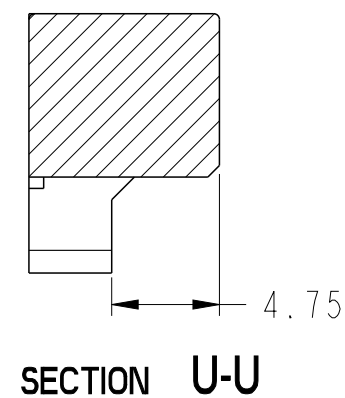
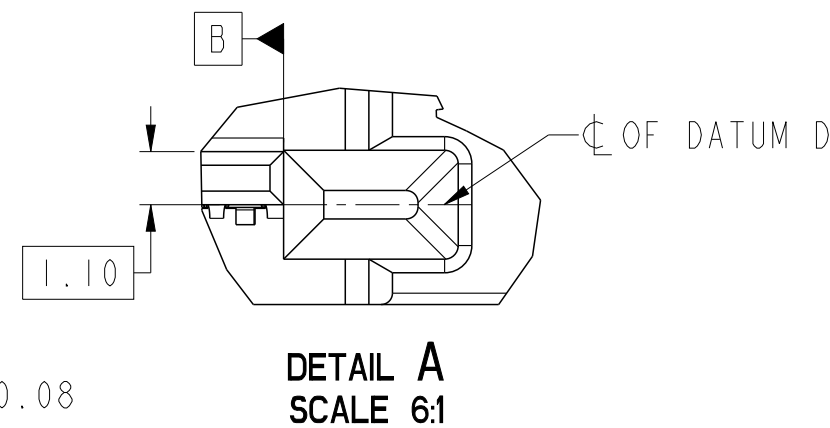
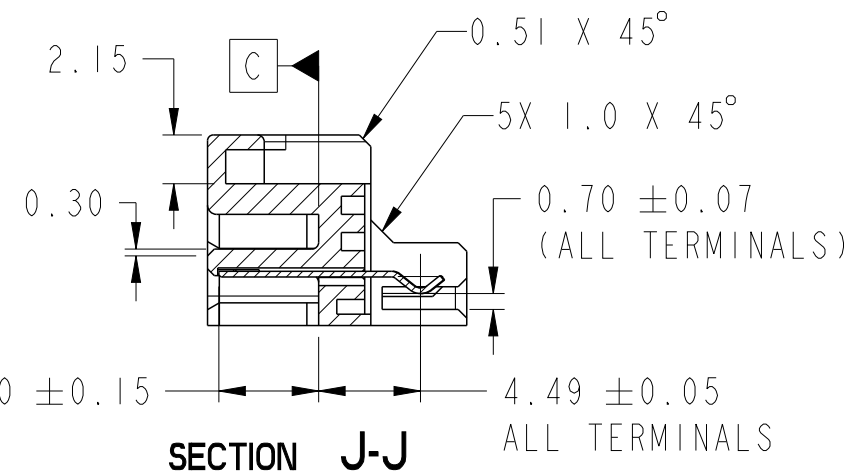
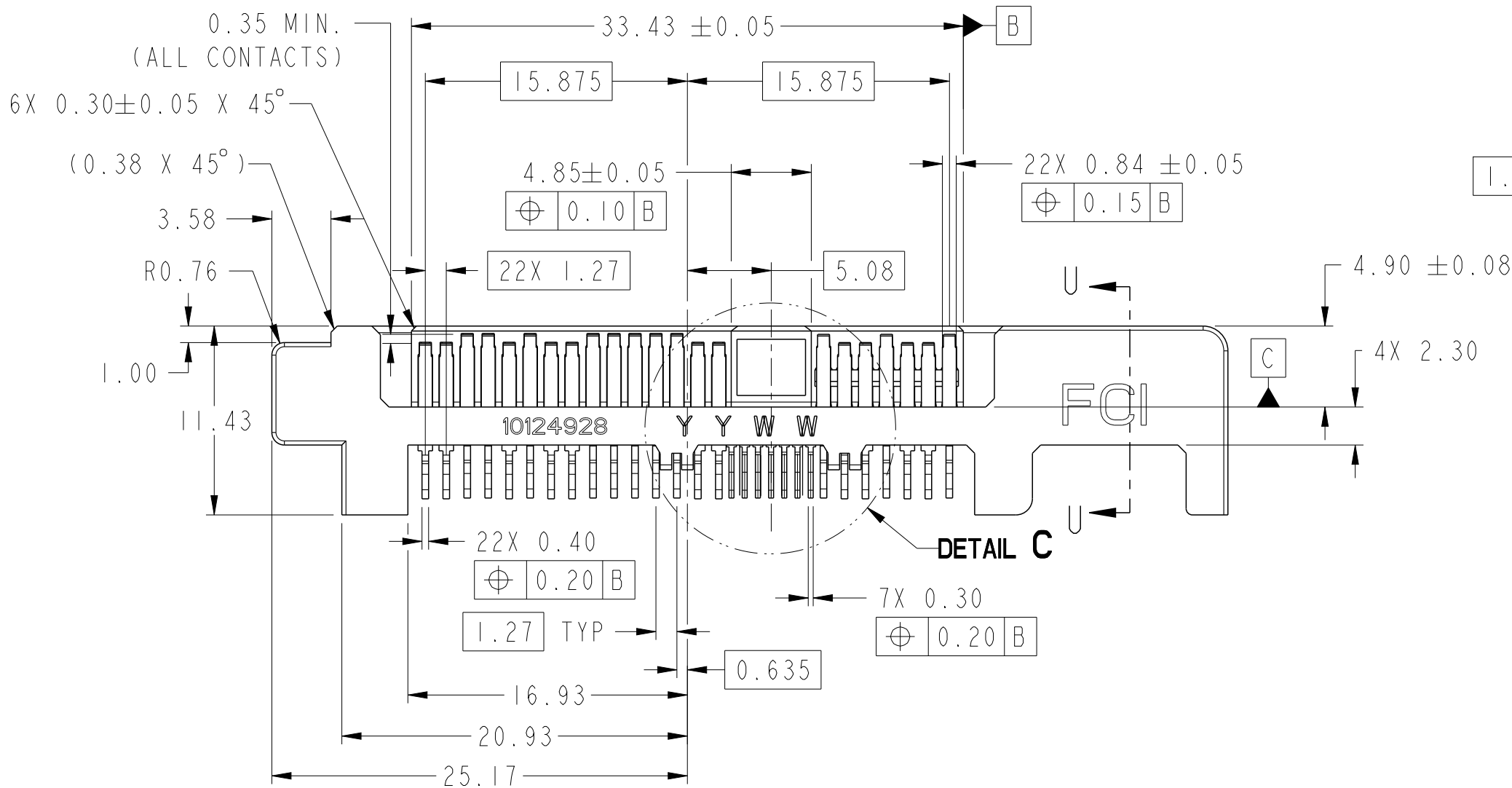
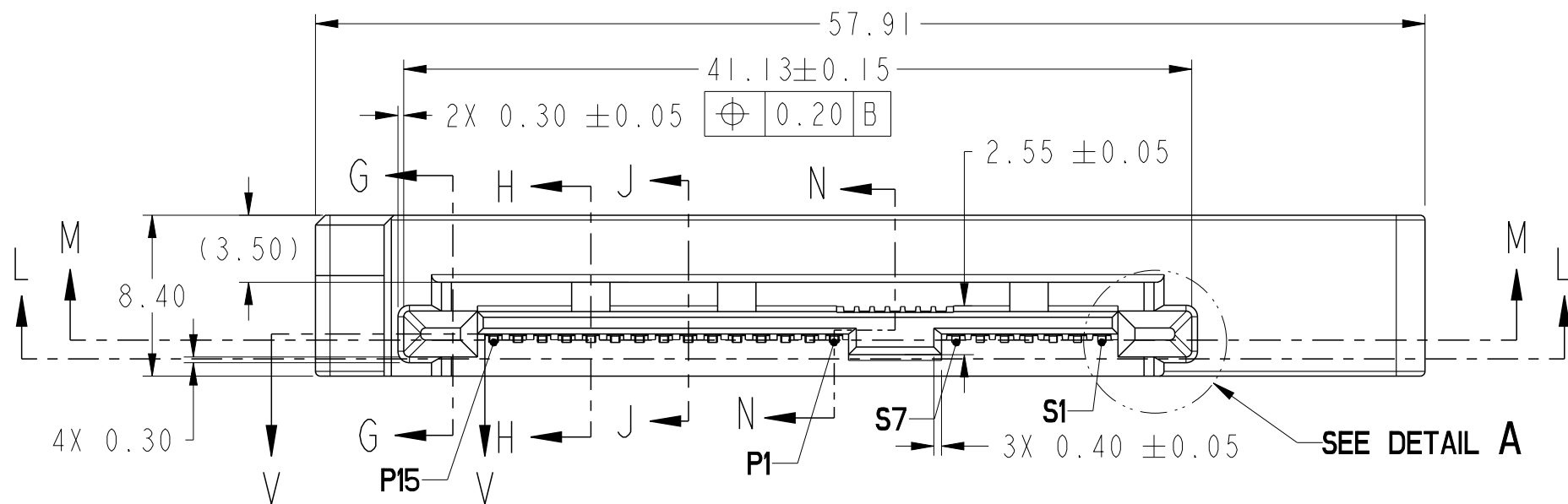
1. MATERIAL:
A. HOUSING:
HIGH TEMPERATURE THERMOPLASTIC MATERIAL (LCP), UL 94V-0, COLOR: BLACK.
MAXIMUM REGRIND MATERIAL IS NOT TO EXCEED 25%.
- B. CONTACT & METAL RACKS: COPPER ALLOY BRASS (C2680).
2. FINISH:
2.1) SIGNAL & POWER PINS: (MATING SIDE)
1.27µm [50µ"] MINIMUM, 2.54µm[100µ"] MAXIMUM NICKEL UNDER
PLATE WITH 0.38µm [15µ"] MINIMUM GOLD IN CONTACT AREA.
- 2.2) ALL SOLDER TAILS:
1.27µm [50µ"] MINIMUM, 2.54µm [100µ"] MAXIMUM NICKEL UNDER
PLATE WITH 1.91µm [75µ"] MINIMUM PURE TIN IN CONTACT AREA.
3. PART MARKING: CUSTOMER PART NUMBER, FCI LOGO AND DATE CODE
SHALL BE MARKED ON THE SURFACE OF THE CONNECTOR APPROXIMATELY AS SHOWN.
HEIGHT OF CHARACTERS TO BE MAXIMUM POSSIBLE.
4. PACKAGING: CLEAR ANTISTATIC CARTRIDGE TUBE.
5. PRODUCT SPECIFICATIONS: GS-12-1120 FOR (SFF-8680).
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER CONUNTRY REGULATIONS
AS DESCRIBED IN GS-47-0004.
7. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C TEMPERATURE FOR 10 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. ALTERNATE CORING AND RIB CONSTRUCTION FOR MOLDING PROCESS.
9. PACKAGING :CLEAR ANTISTATIC CARTRIDGE TUBE PACKAGING PART NO. GS-14-450.
10. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



spec ref				dr		Vajith P-N	2015/04/23	projection 		MM 		size		A3	scale		3:1											
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED								eng		Vajith P-N	2015/06/18	ecn no					-							
												chr		-	-	rel level					Released							
				appr		Koon-Poh Tay		2015/06/18	product family					-														
surface 				linear		0.X		±0.2				title		ASSY, CONNECTOR, SAS, 12G					dwg no		10124928					rev		A
						0.XX		±0.1																				
						0.XXX		±0.05																				
				angular		0°		±2°		www.fci.com																		



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spec ref	dr	Vajith P-N	2015/04/23	projection	MM	size	A3	scale	3:1
tolerance std	eng	Vajith P-N	2015/06/18	chr	-	ecn no	-	rel level	Released
	appr	Koon-Poh Tay	2015/06/18	product family	-	rel level	Released		
surface	linear	0.X	±0.2	FCI	ASSY, CONNECTOR, SAS, 12G	dwg no	10124928	rev	A
		0.XX	±0.1	www.fci.com	ASSY, 22 PINS COMBO SAS	cat. no.	-	Product - Customer Drw	sheet 2 of 5
	angular	0°	±2°						



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A

B

C

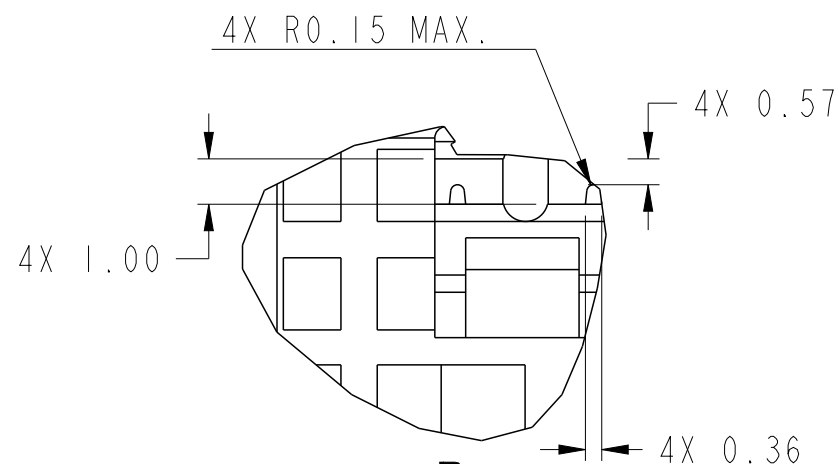
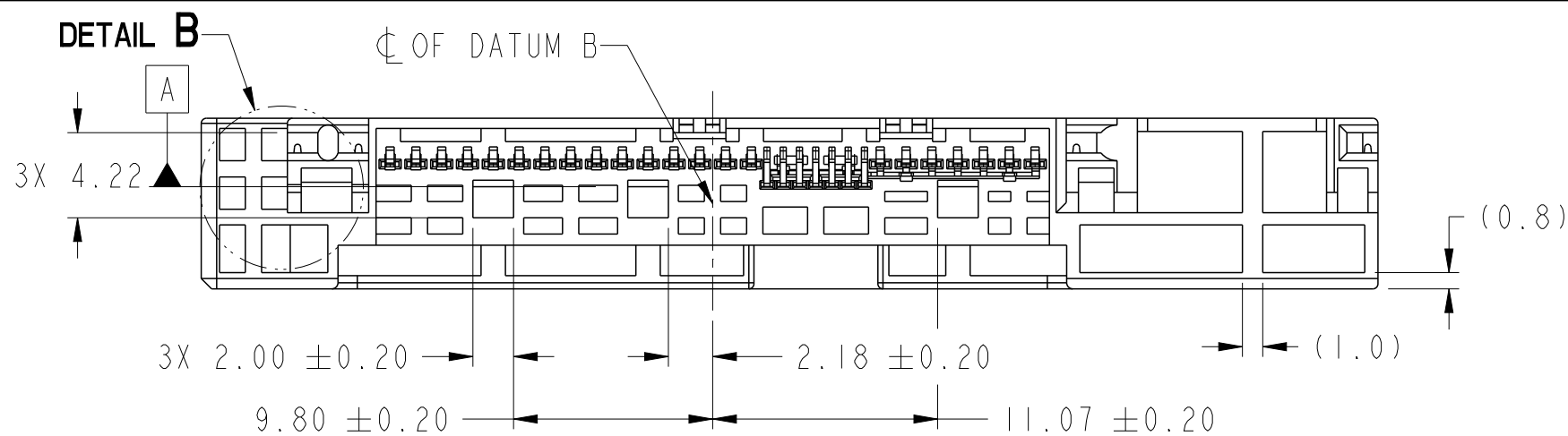
D

A

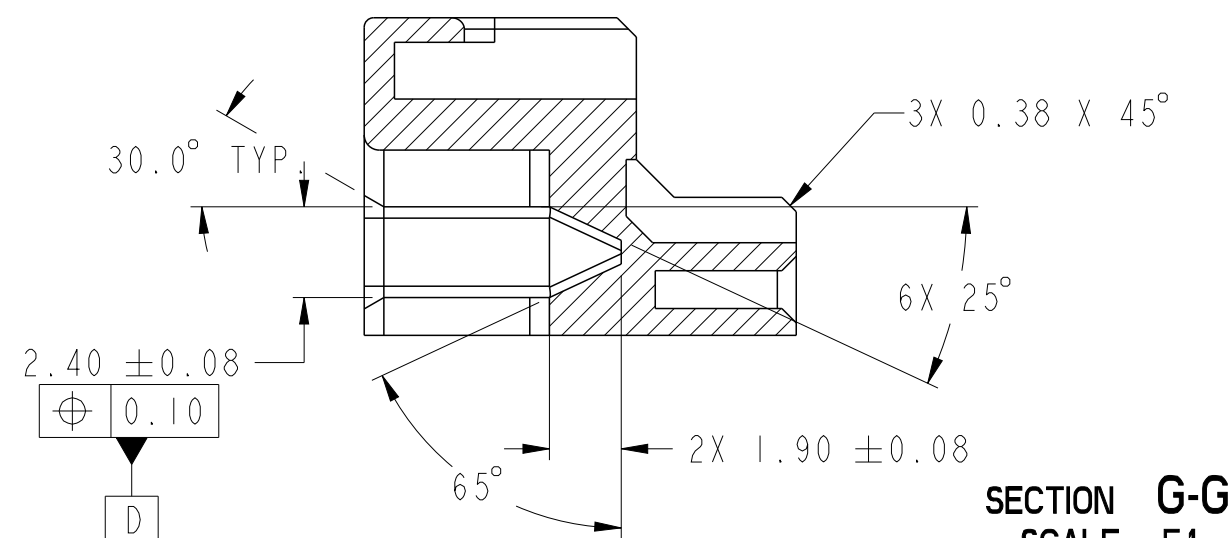
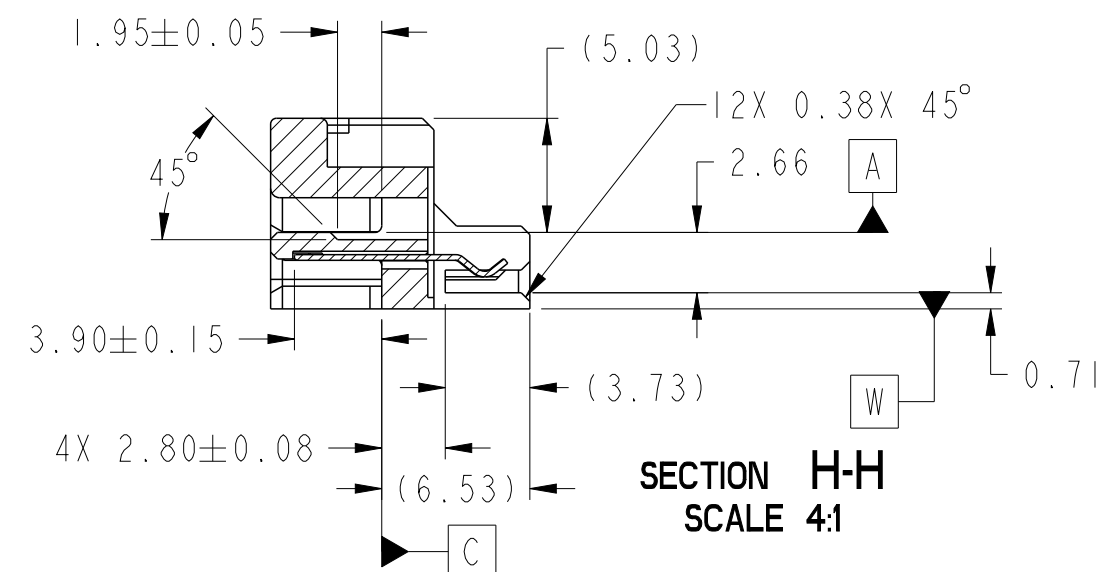
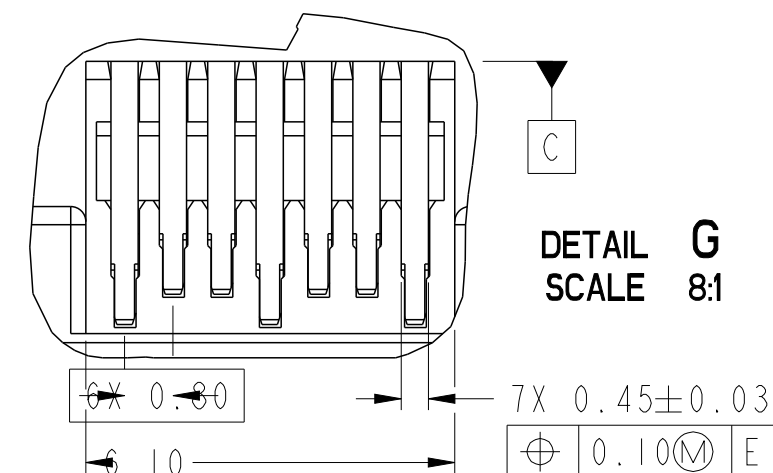
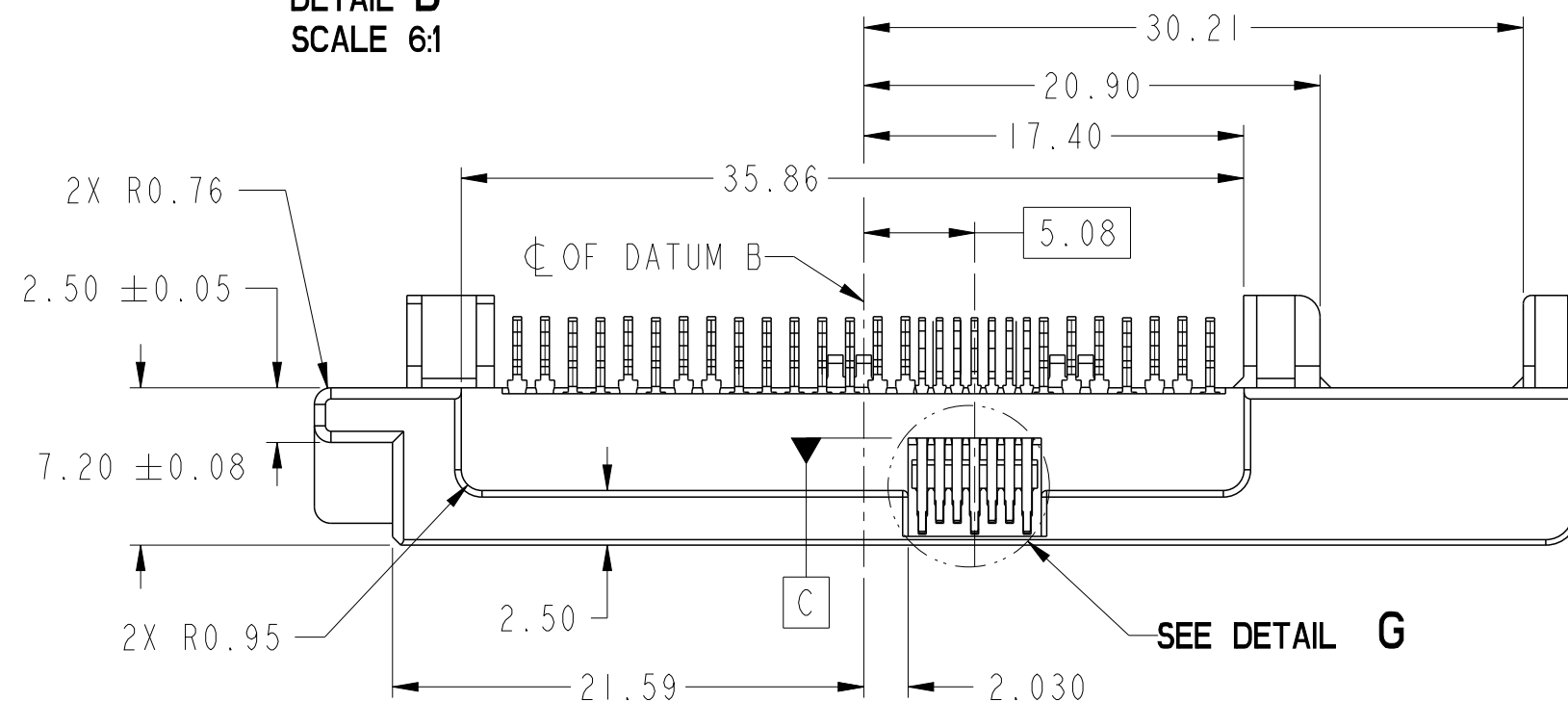
B

C

D



DETAIL B
SCALE 6:1



spec ref				dr	Vajith P-N	2015/04/23	projection	MM	size	A3	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vajith P-N	2015/06/18			ecn no	-		
				chr	-	-						
				appr	Koon-Poh Tay	2015/06/18			product family	-	rel level	Released
surface ✓	linear	0.X	±0.2		title ASSY, CONNECTOR, SAS, 12G ASSY, 22 PINS COMBO SAS			dwg no	10124928		rev	A
		0.XX	±0.1									
		0.XXX	±0.05									
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 5		



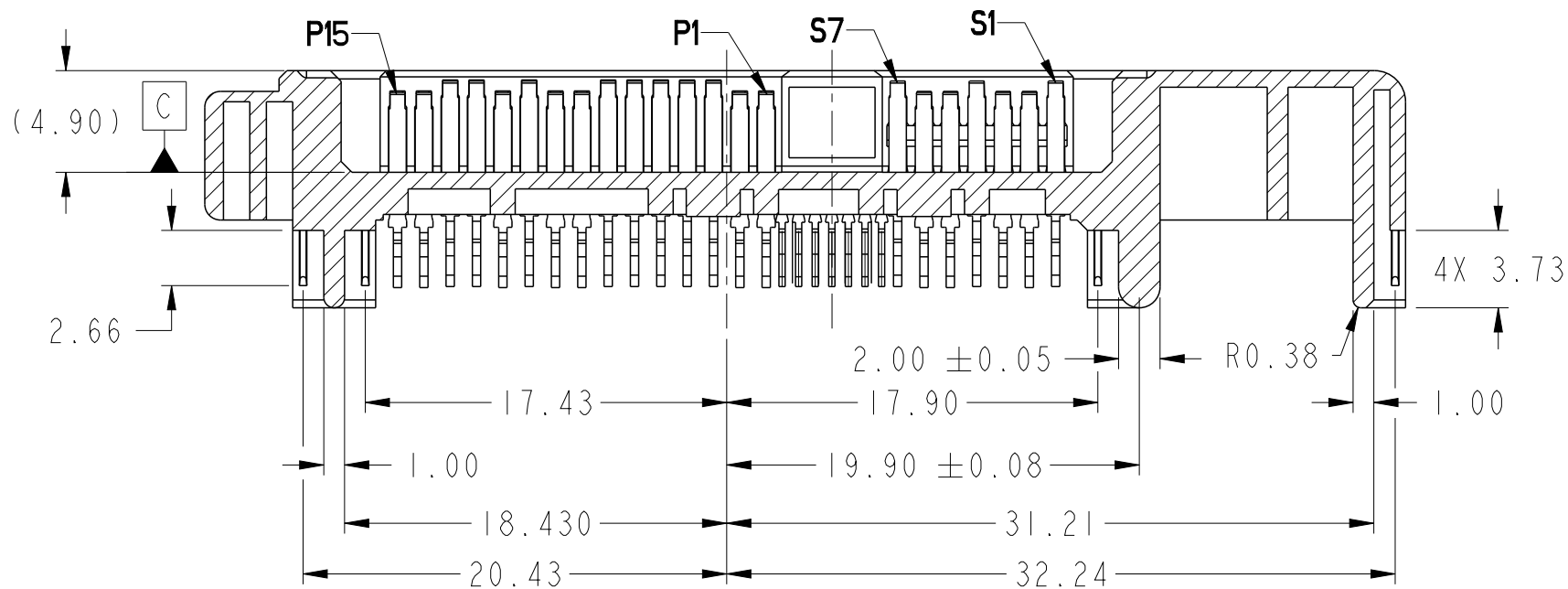
Copyright FCI.

A

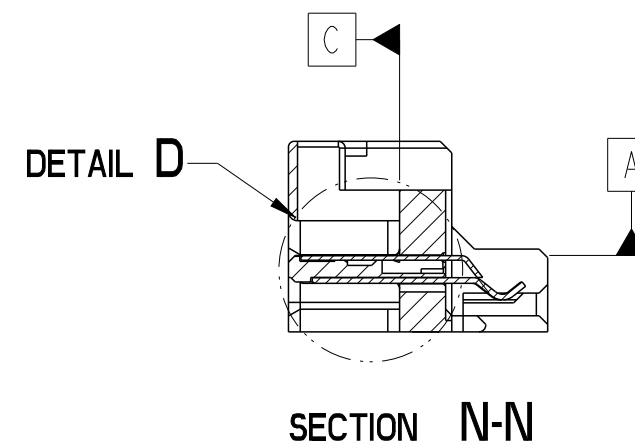
B

C

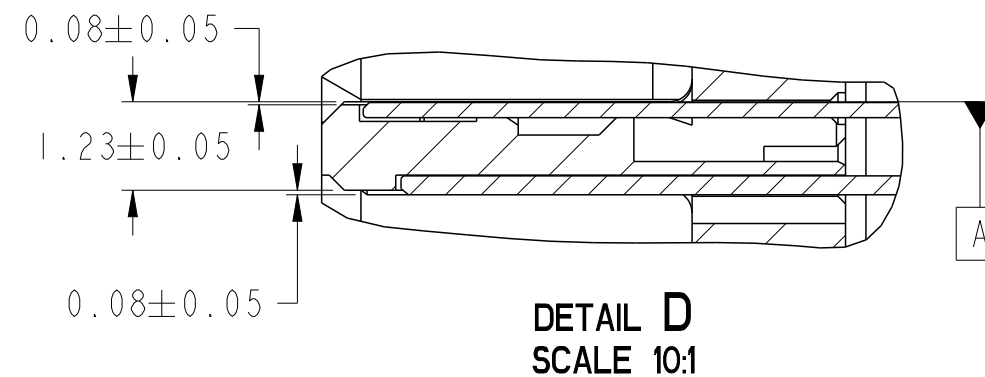
D



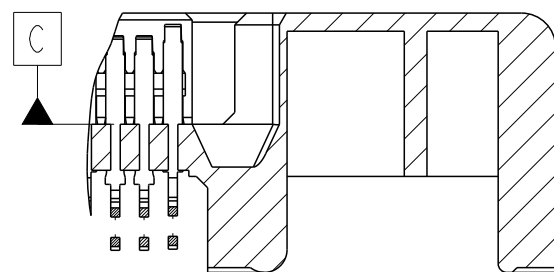
SECTION L-L
SCALE 3:1



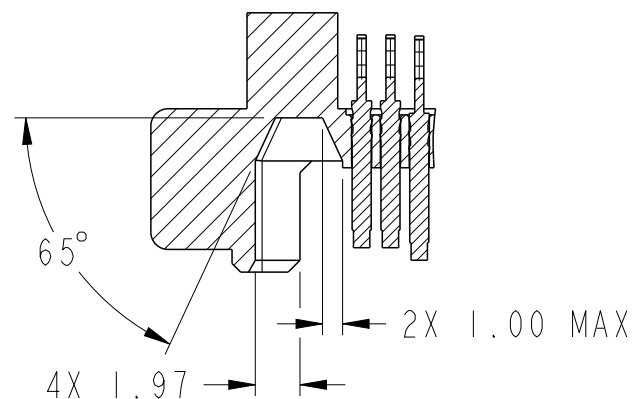
SECTION N-N



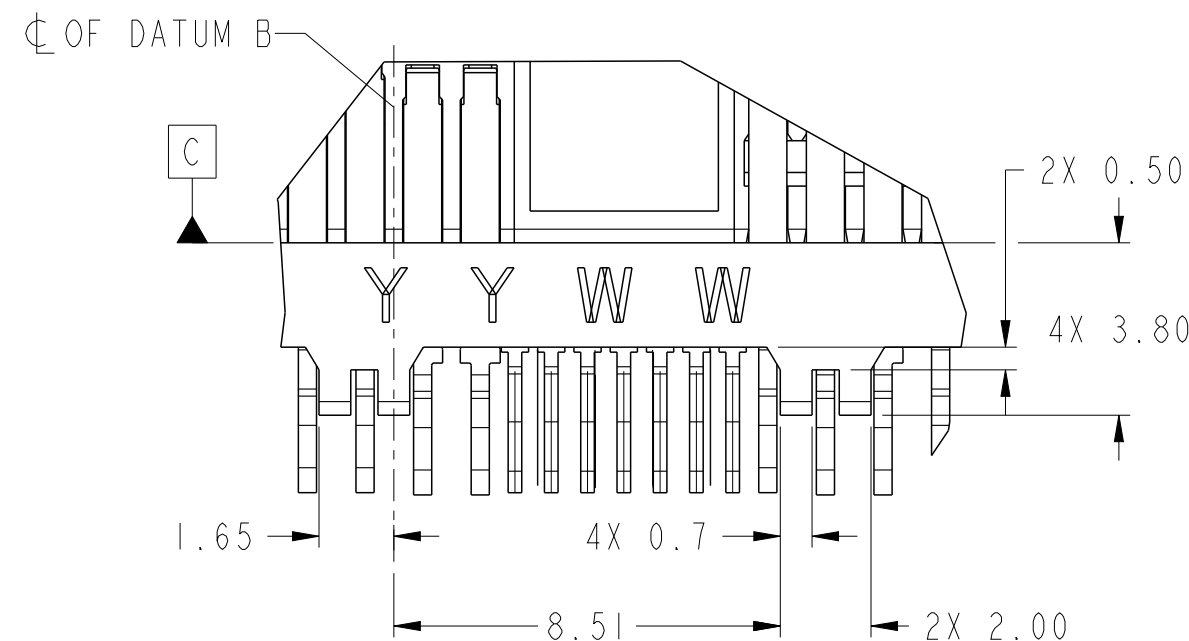
DETAIL D
SCALE 10:1



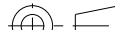
SECTION M-M
SCALE 4:1



SECTION V-V
SCALE 3:1



DETAIL C
SCALE 6:1

spec ref				dr	Vajith P-N	2015/04/23	projection 	MM 	size	A3	scale	1:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vajith P-N	2015/06/18			ecn no	-					
				chr	-	-			rel level			Released			
				appr	Koon-Poh Tay	2015/06/18			product family			-			
surface - 	linear	0.X	±0.2		title ASSY, CONNECTOR, SAS, 12G ASSY, 22 PINS COMBO SAS			dwg no	10124928		rev	A			
		0.XX	±0.1												
		0.XXX	±0.05												
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw						sheet 4 of 5		



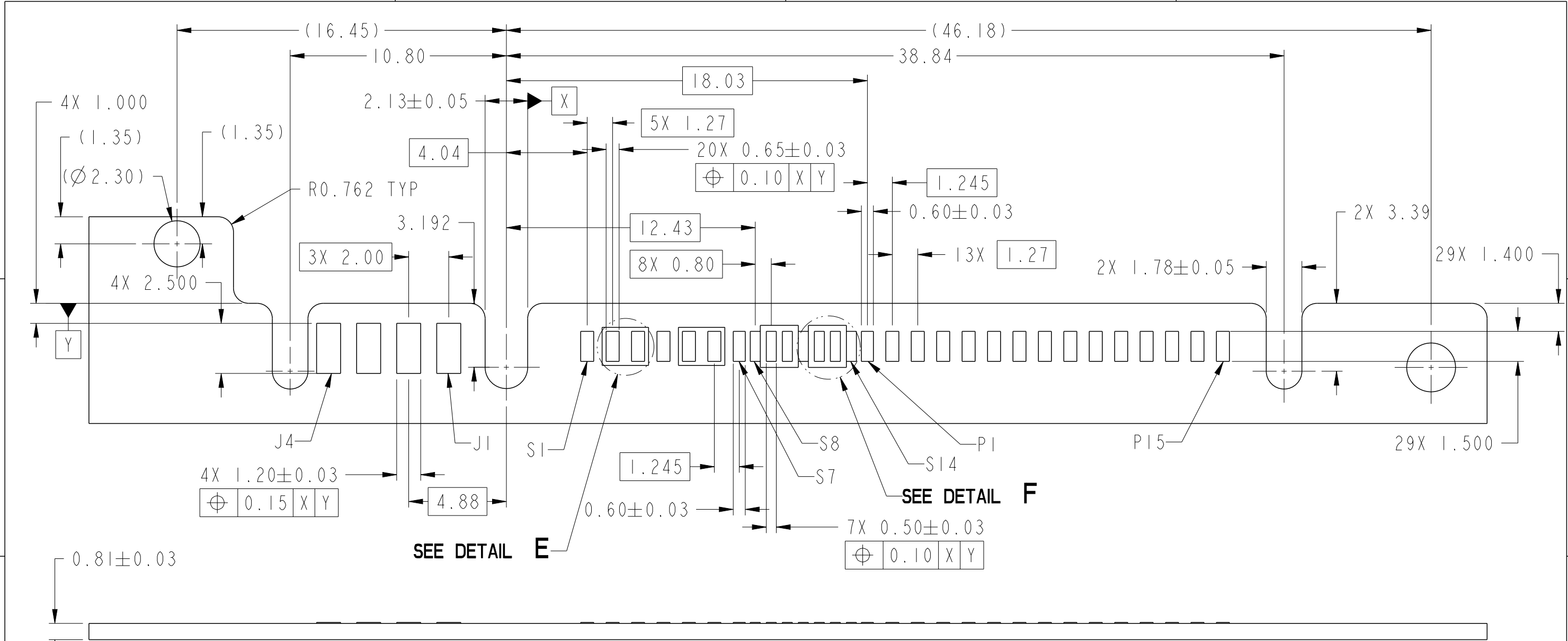
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C

D

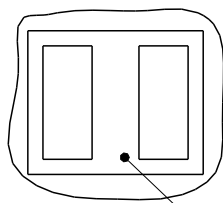
A

B

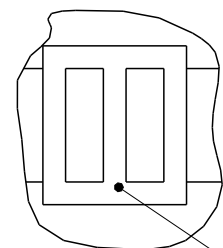


SCALE 5:1

RECOMMENDED PCB LAYOUT
(GENERAL TOLERANCE ± 0.03)

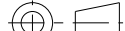


DETAIL E
SCALE 10:1



DETAIL F
SCALE 10:1

ANTIPAD WIDTH 0.3MM LARGER THAN
SIGNAL PADS ON FOUR SIDES

spec ref				dr		Vajith P-N	2015/04/23	projection  MM 	size	A3	scale	5:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Vajith P-N	2015/06/18		ecn no				-			
				chr		-	-		rel level				Released			
				appr		Koon-Poh Tay	2015/06/18		product family				-			
surface 	linear	0.X		±0.2			title	ASSY, CONNECTOR, SAS, 12G				dwg no	10124928		rev	A
		0.XX		±0.1				ASSY, 22 PINS COMBO SAS								
		0.XXX		±0.05												
	angular	0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw			sheet 5 of 5	