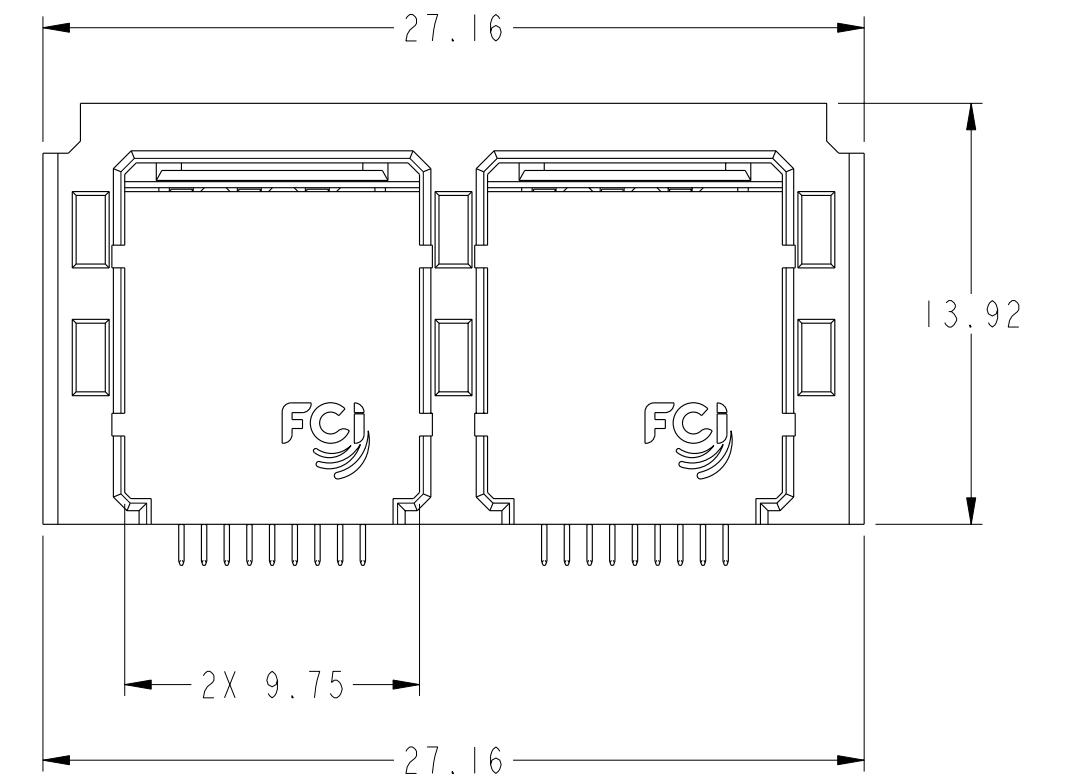
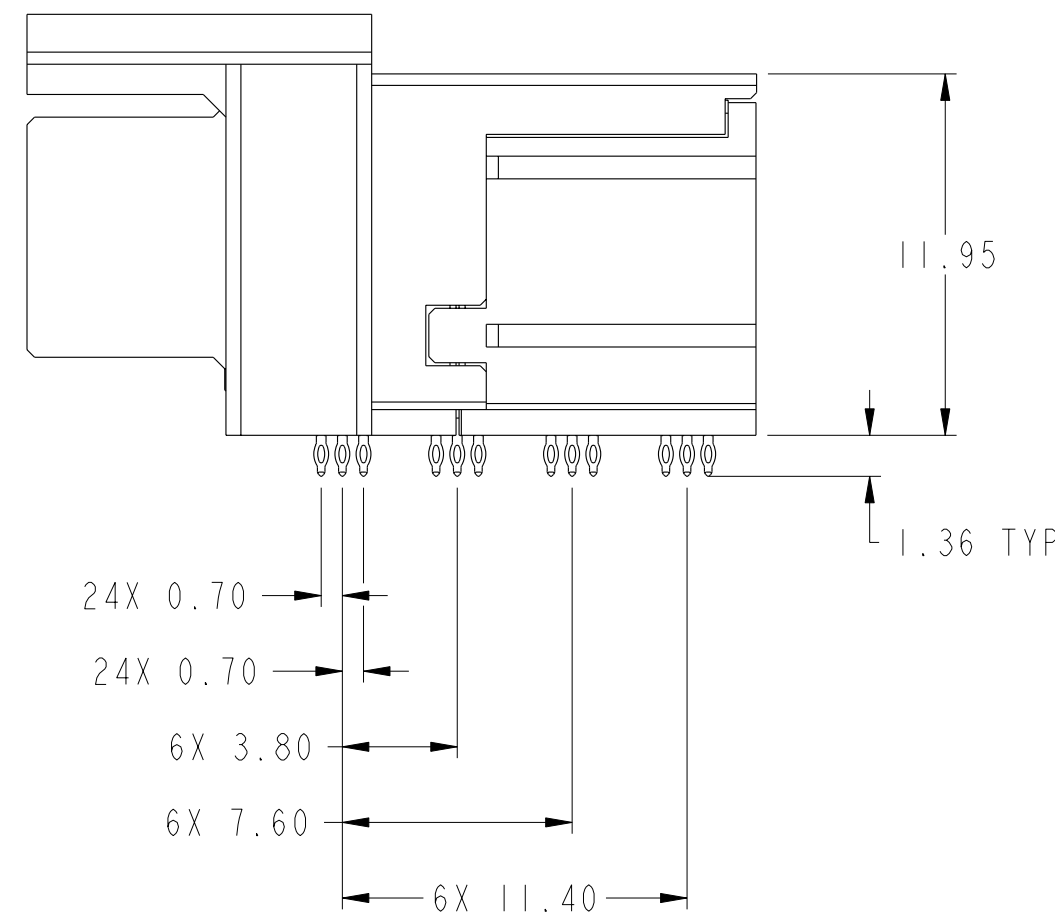
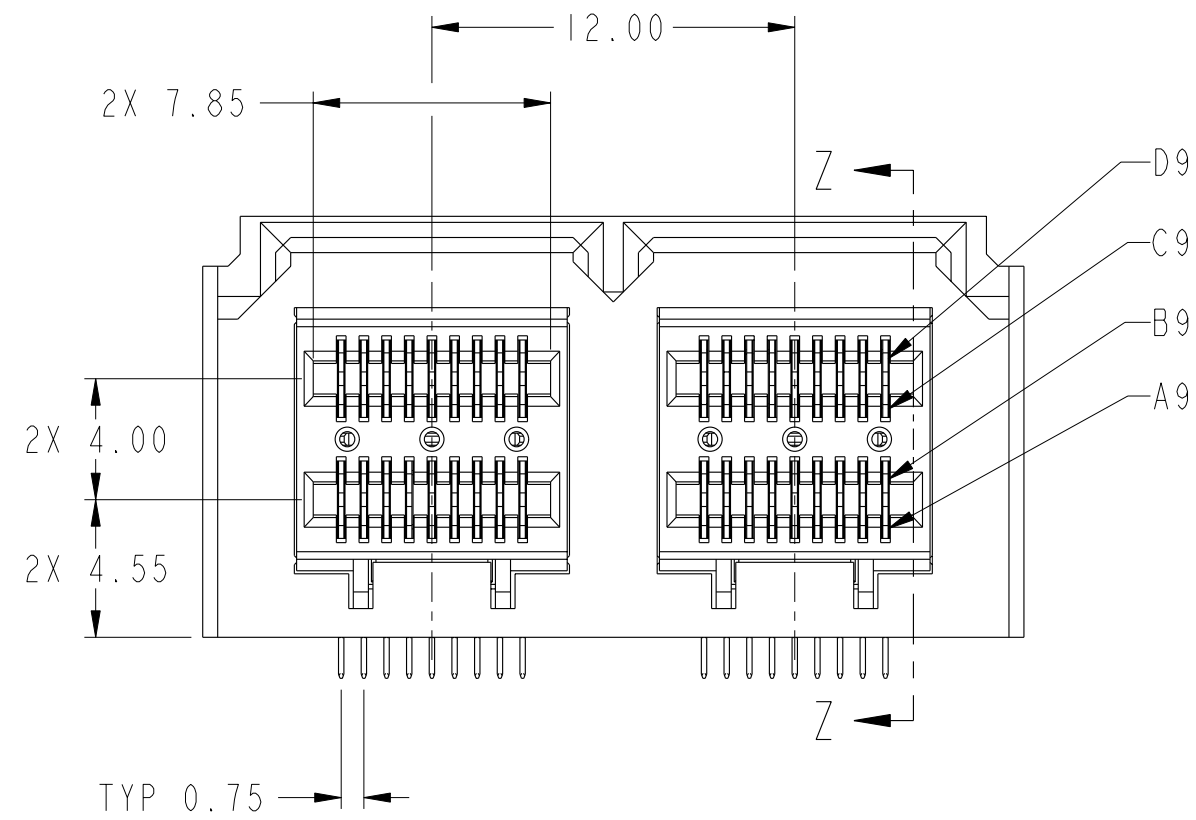
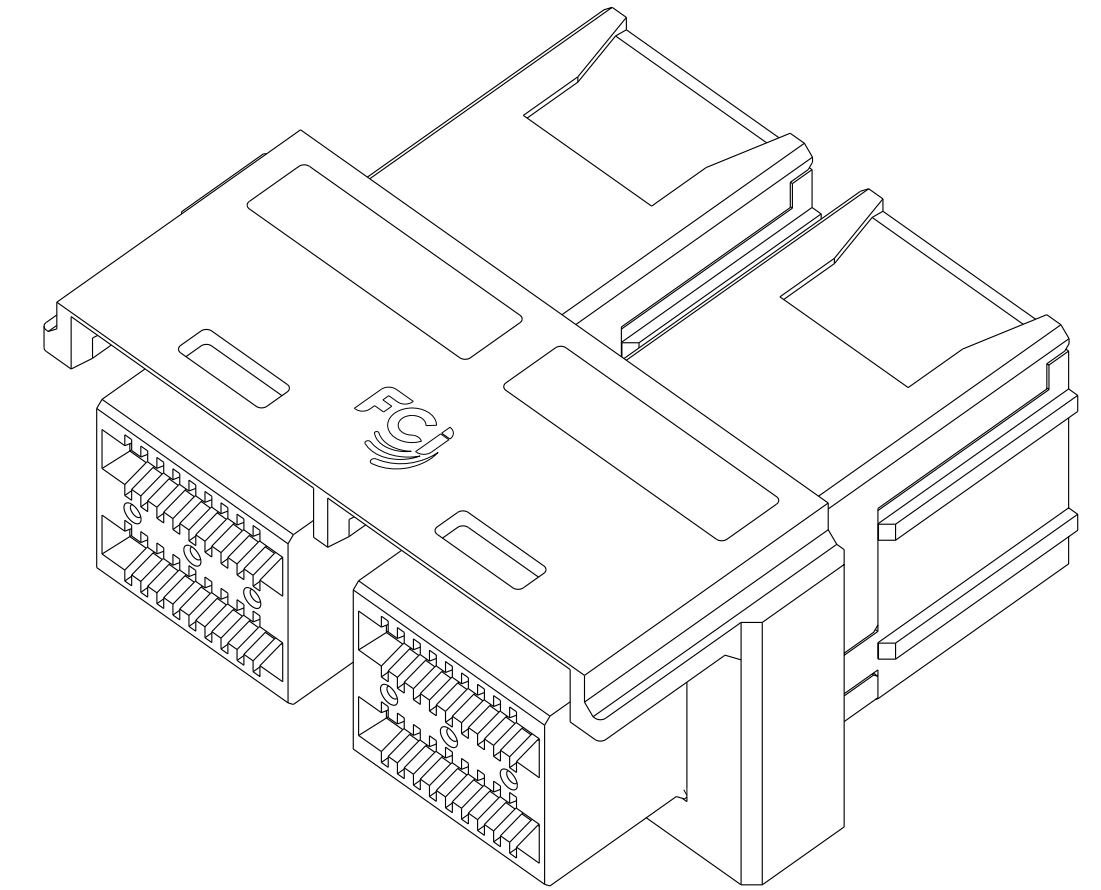
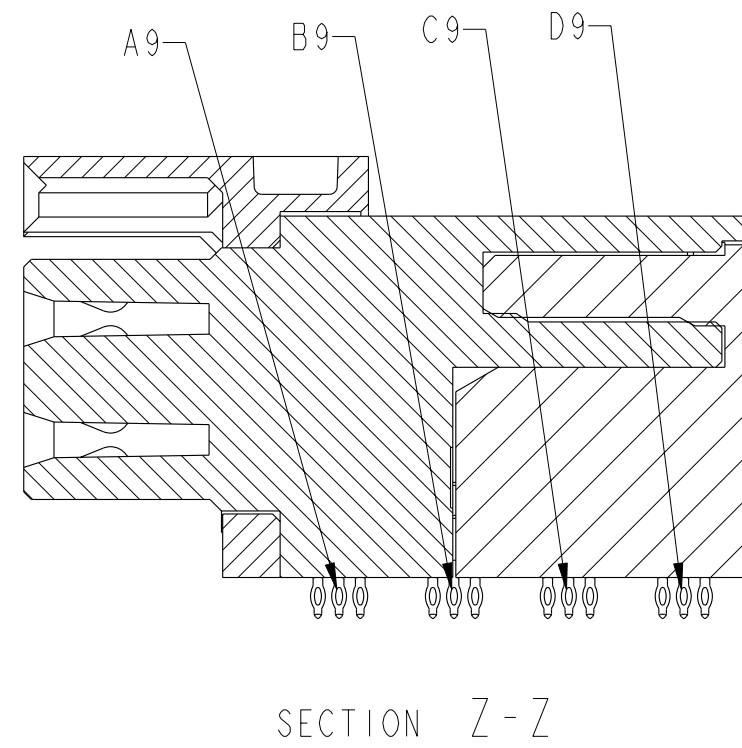
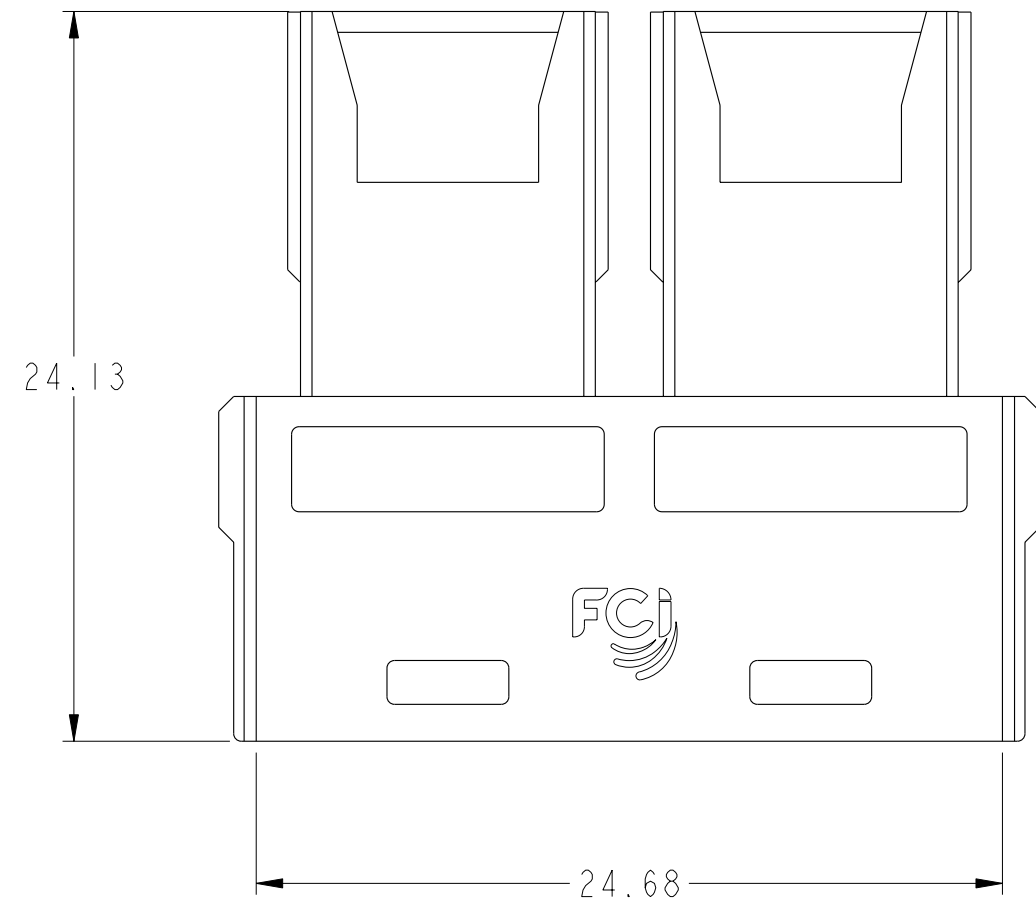


PRODUCT NUMBER	PLATING OPT.
10112633-101	OPTION 1
10112633-101LF	OPTION 2



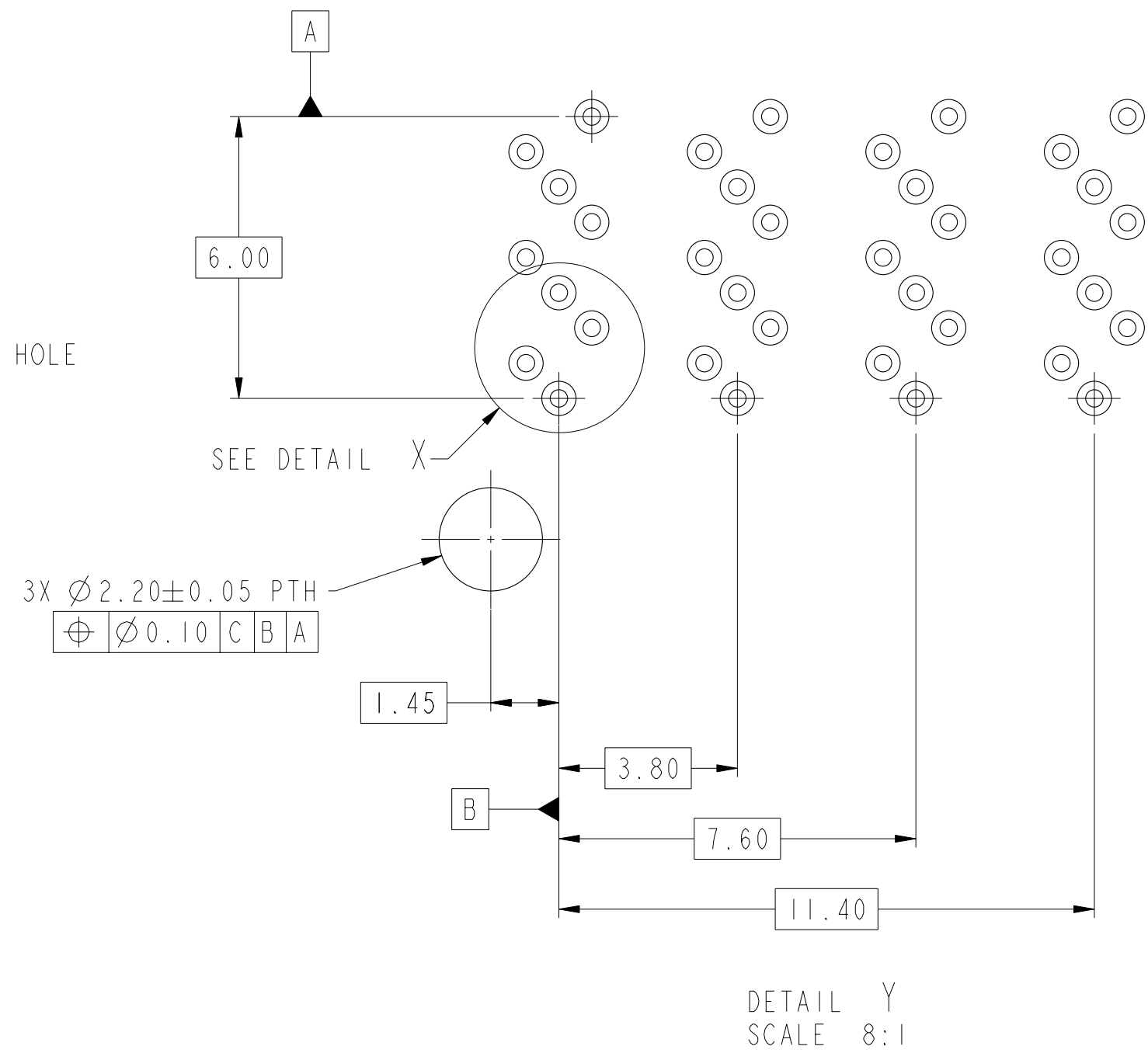
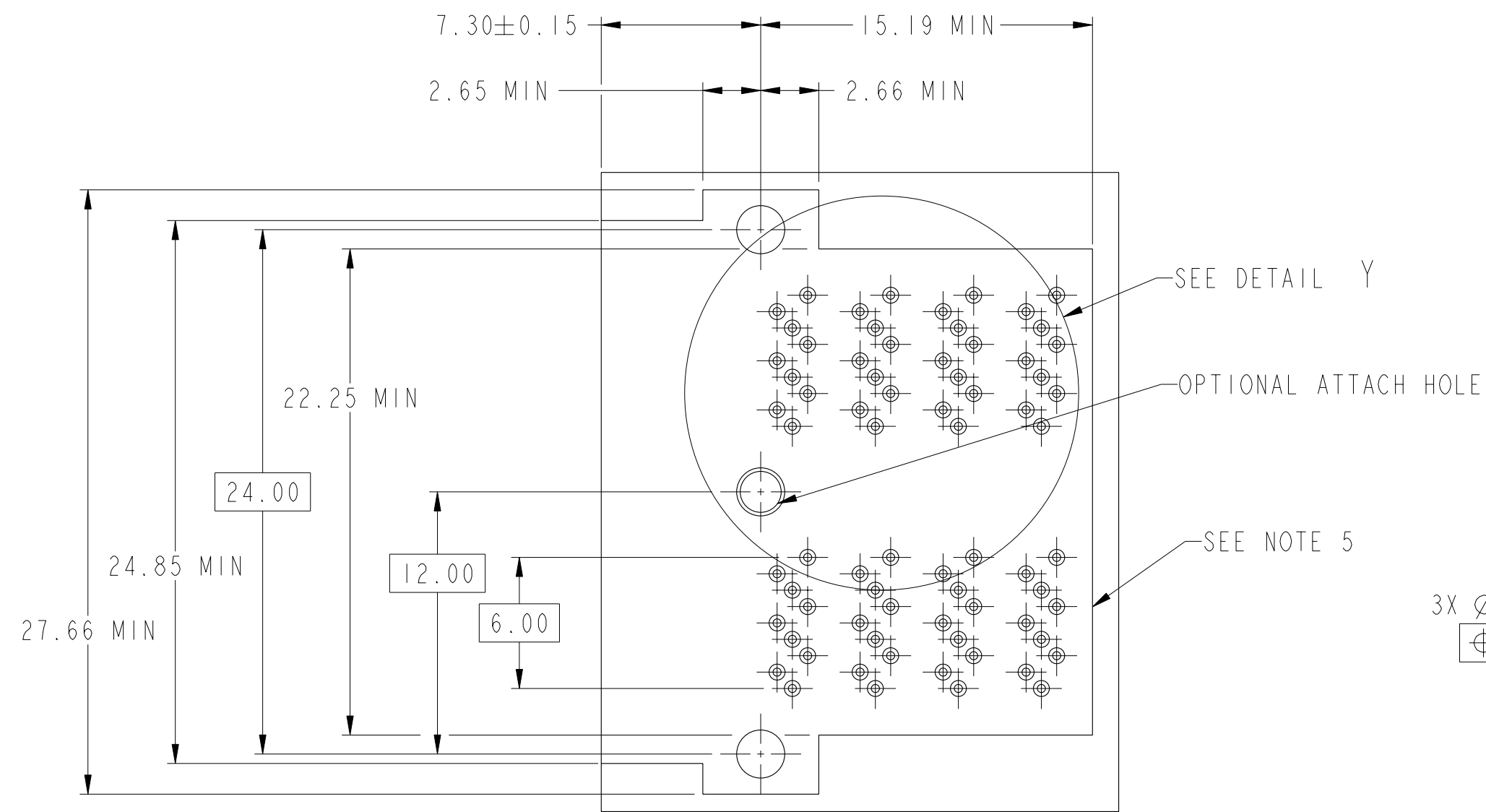
NOTES:

- MATERIALS:  
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
GLASS FILLED, UL 94V-0  
TERMINALS: COPPER ALLOY
- FINISHES:  
CONTACT AREA: 0.76µm GOLD OVER 2.54µm MIN NICKEL  
TAIL AREA:  
OPTION 1: 0.76µm - 1.52µm TIN/LEAD (90/10) OVER 2.54µm MIN NICKEL.  
OPTION 2: 0.76µm - 1.52µm TIN (LEAD FREE) OVER 2.54µm MIN NICKEL.
- PRODUCT SPECIFICATION: GS-12-650.
- MOUNTING HARDWARE: M2 X 0.4 SELF-THREADING SCREW  
MOUNTING SCREW LENGTH: PCB THICKNESS + 2.5mm MAX.
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF INDUSTRY SPECIFICATION SFF-8643.

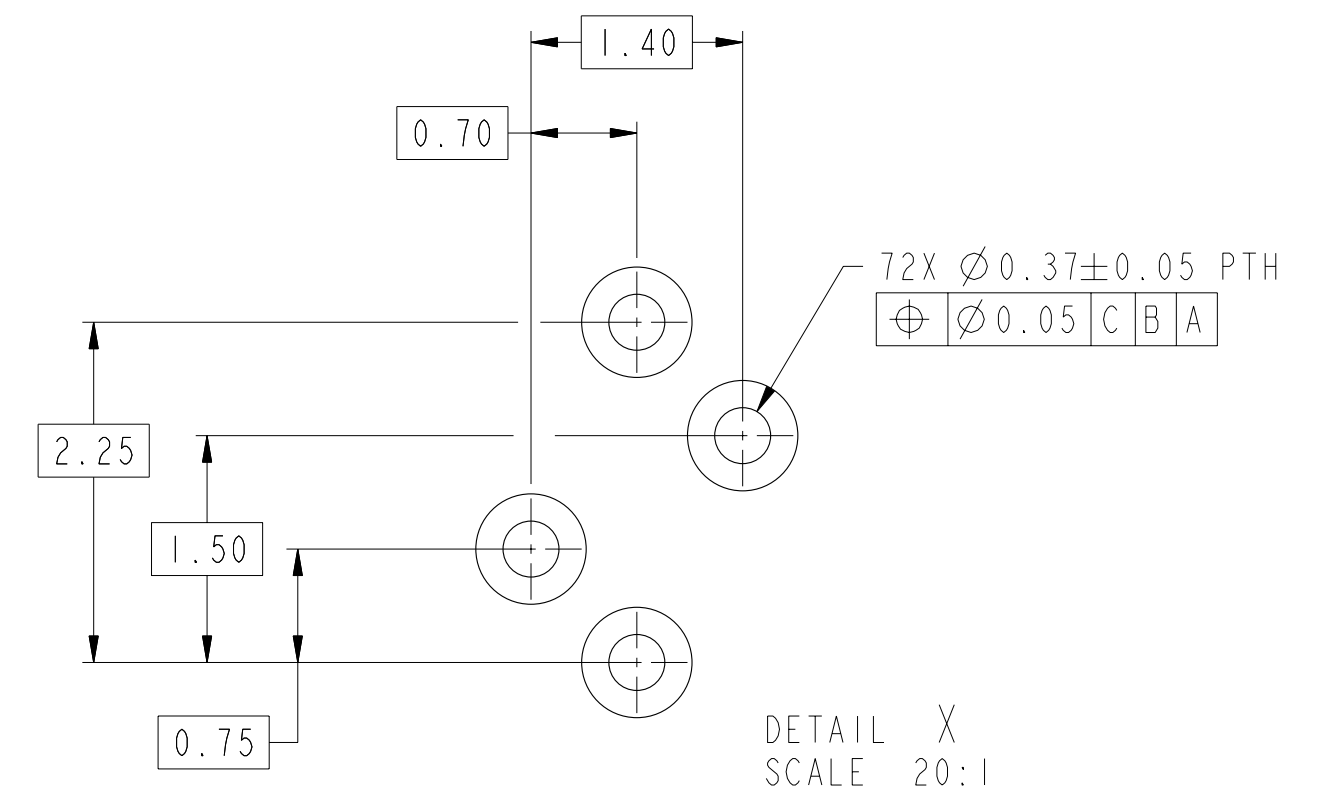
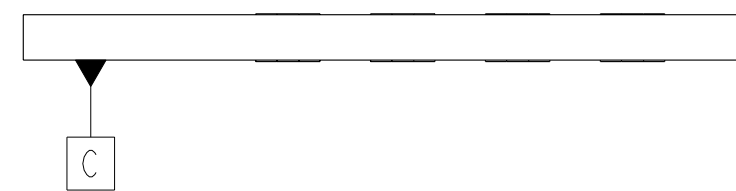
PRELIMINARY

spec ref	-	dr	S.MANOHRAN	2010-03-10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	M.GRAY	2010-03-10			ecn no	rel level	In Work	rev
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	M.GRAY	2010-03-10						
		appr	M.GRAY	2010-12-16						
surface	linear	0.X	±0.25		<b>IX2 INTERNAL ASSEMBLY</b> MINI-SAS HD		10112633	sheet 1 of 4	Product - Customer Drw	
		0.XX	±0.13							
	angular	0°	±1/2°							
ASME Y14.5		www.fci.com	cat. no.							

# RECOMMENDED BOARD LAYOUT



DETAIL Y  
SCALE 8:1



DETAIL X  
SCALE 20:1

## NOTES:

1. RECOMMENDED DRILL SIZE FOR A  $\varnothing 0.37$  FINISHED PTH IS  $\varnothing 0.457$  (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND  $\varnothing 0.37$  FINISHED PTH IS  $\varnothing 0.73$ .
3. MINIMUM RECOMMENDED SPACING : 14.00mm.
4. MINIMUM PCB THICKNESS : 1.57mm.
5. CONNECTOR KEEP OUT AREA.

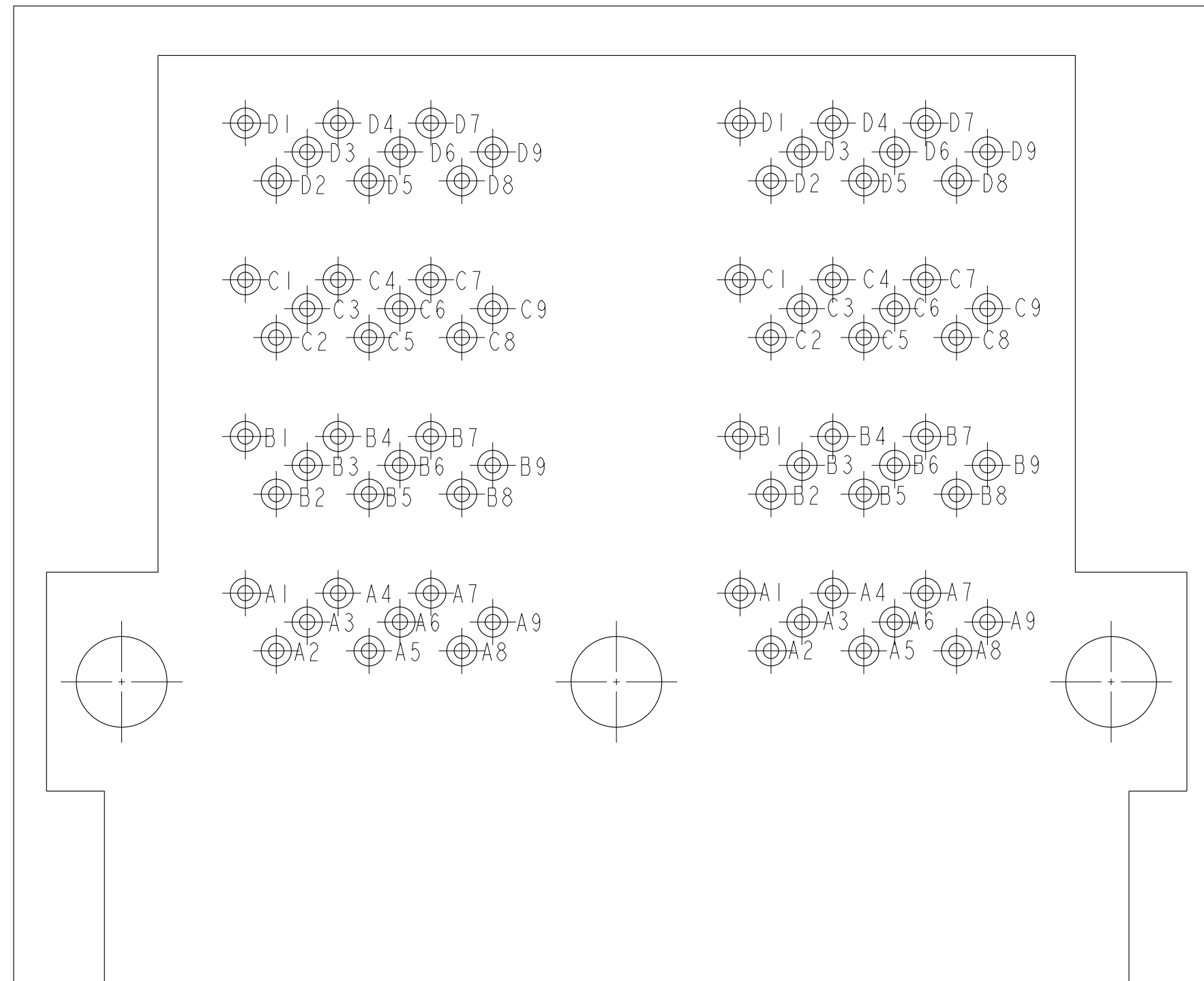
# PRELIMINARY

spec ref	-	dr	S.MANOCHARAN	2010-03-10	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	M.GRAY	2010-03-10			ecn no	rel level	In Work	rev
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	M.GRAY	2010-03-10						
surface	✓	appr	M.GRAY	2010-12-16	product family	MINI-SAS HD	10112633			3
ASME Y14.5	linear	0.X	±0.25		1X2 INTERNAL ASSEMBLY MINI-SAS HD		cat. no.	Product - Customer Drw	sheet 2 of 4	
		0.XX	±0.13							
	angular	0.XXX	±							
		0°	±1/2°							



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# PIN OUT DESIGNATIONS

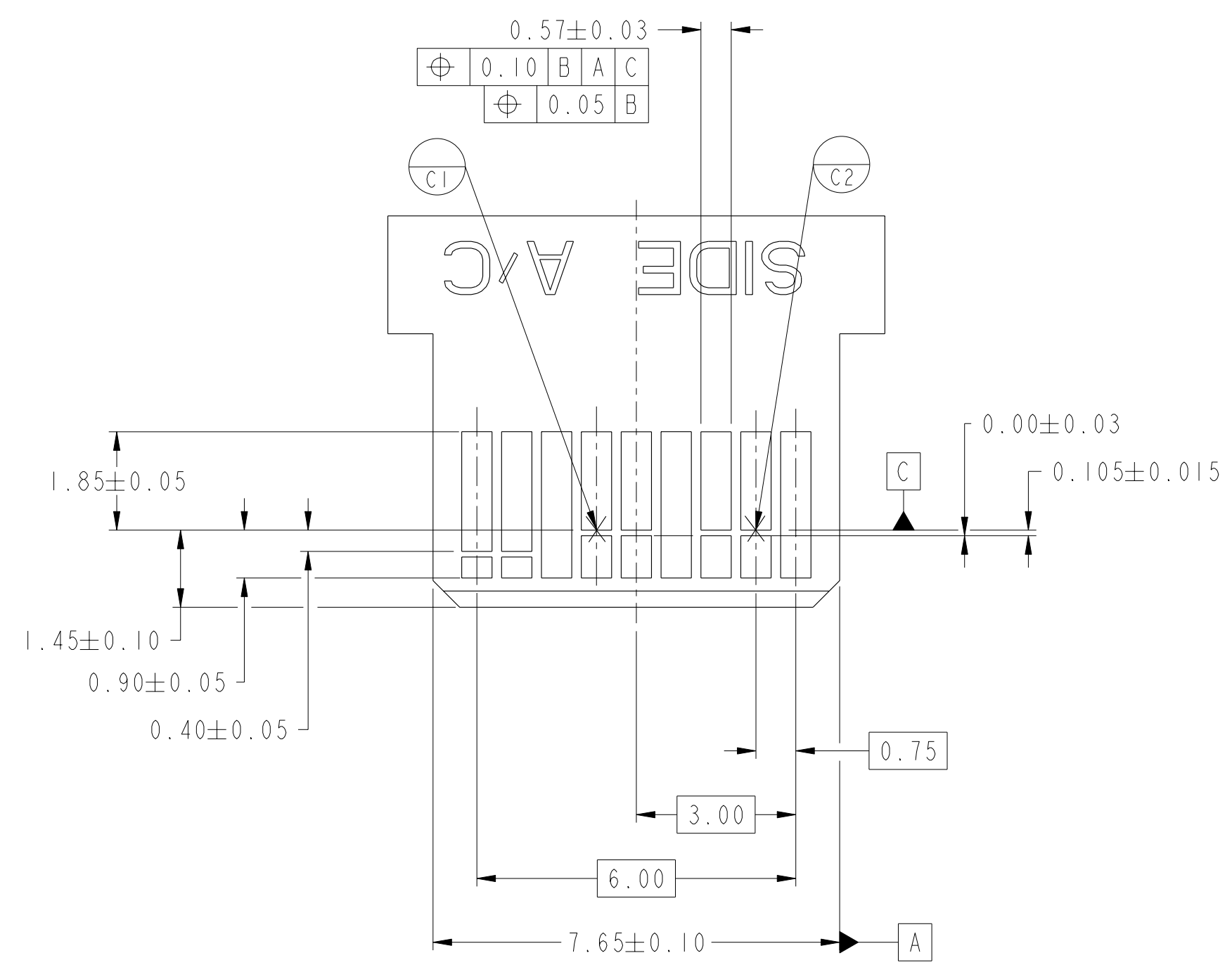
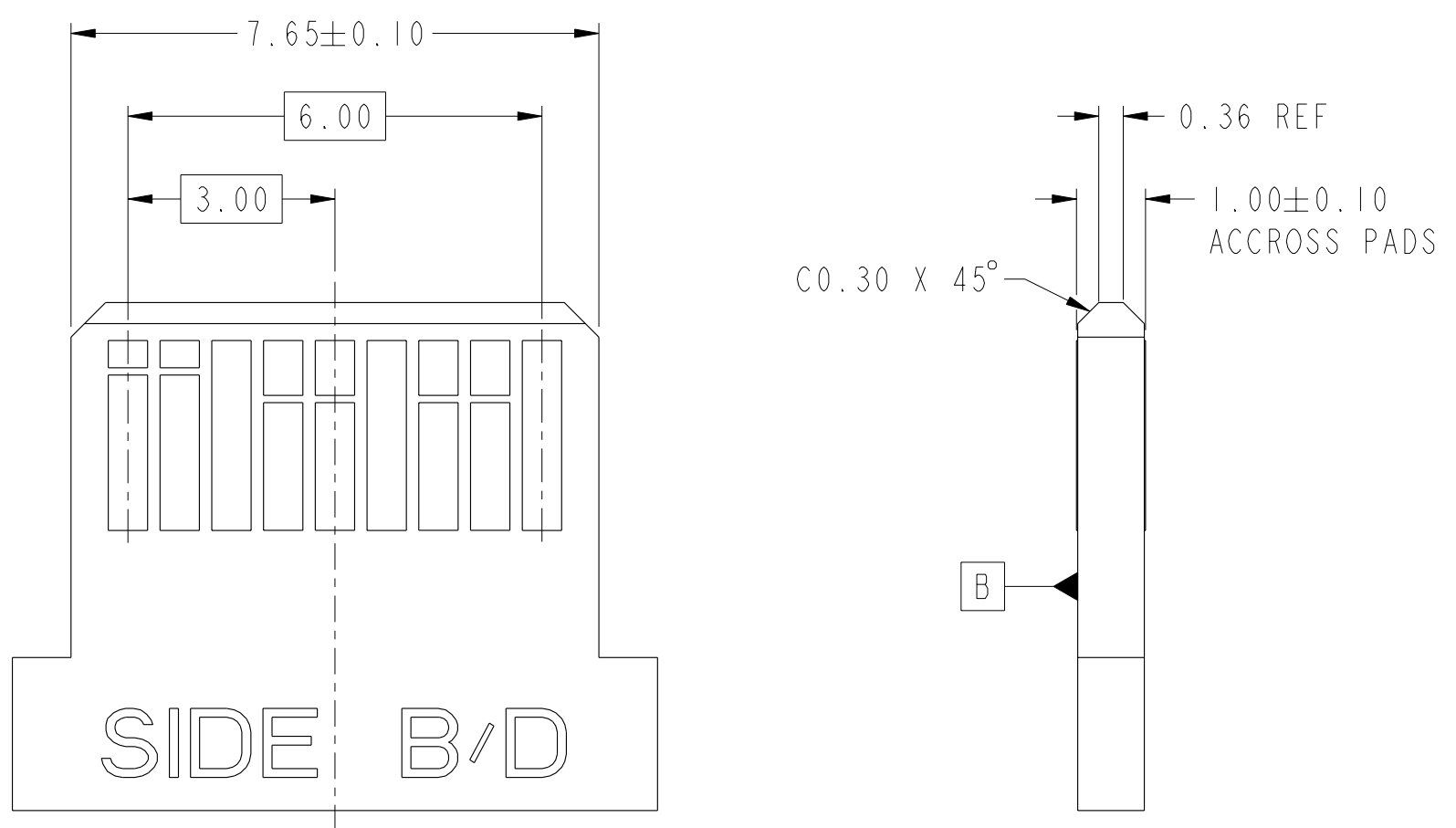


# PRELIMINARY

spec ref	-	dr	S.MANOхарAN	2010-03-10	projection	MM	size	A2	scale	2:1						
tolerance std	ASME Y14.5	eng	M.GRAY	2010-03-10			ecn no	rel level	In Work	rev						
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	M.GRAY	2010-03-10												
		appr	M.GRAY	2010-12-16												
surface	<table border="1"> <tr> <td rowspan="3"> </td> <td>linear</td> <td>0.X</td> <td>±0.25</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.13</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±</td> </tr> </table>		linear	0.X	±0.25		0.XX	±0.13		0.XXX	±		title 1X2 INTERNAL ASSEMBLY MINI-SAS HD		dwg no 10112633	rev 3
	linear		0.X	±0.25												
			0.XX	±0.13												
		0.XXX	±													
ASME Y14.5	angular	0°	±1/2°	www.fci.com cat. no.	Product - Customer Drw	sheet 3 of 4										



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PRELIMINARY

NOTES:

- 0.05 MINIMUM KEEP OUT SOLDER MASK AROUND ALL PADS.
- DATUM C TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.

spec ref	-	dr	S.MANOхарAN	2010-03-10	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	M.GRAY	2010-03-10			ecn no	rel level	In Work	rev
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	M.GRAY	2010-03-10						
		appr	M.GRAY	2010-12-16						
surface	✓	linear	0.X	±0.25		title 1X2 INTERNAL ASSEMBLY MINI-SAS HD	dwg no 10112633	rel level In Work	sheet 4 of 4	rev 3
		linear	0.XX	±0.13						
		angular	0°	±1/2°						
ASME Y14.5		www.fci.com	cat. no.	-	Product - Customer Drw					