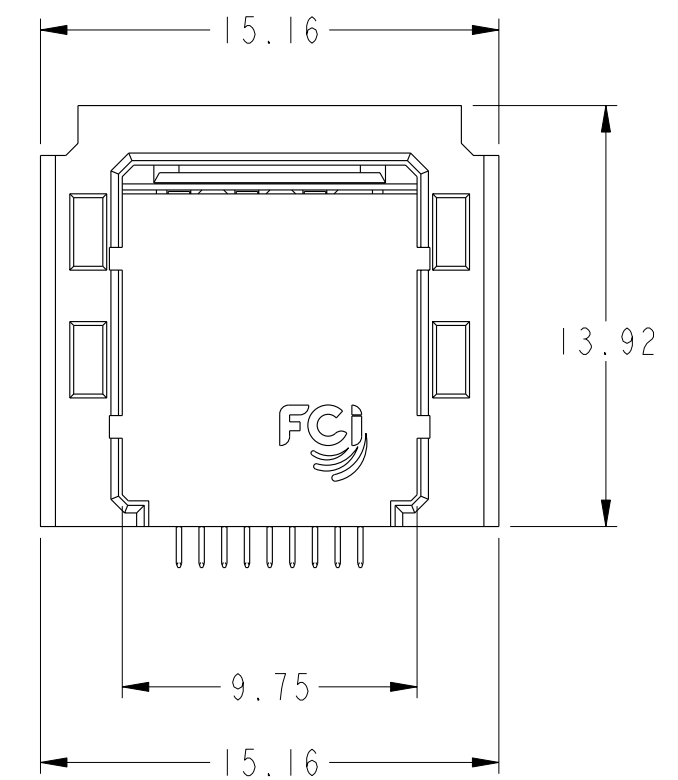
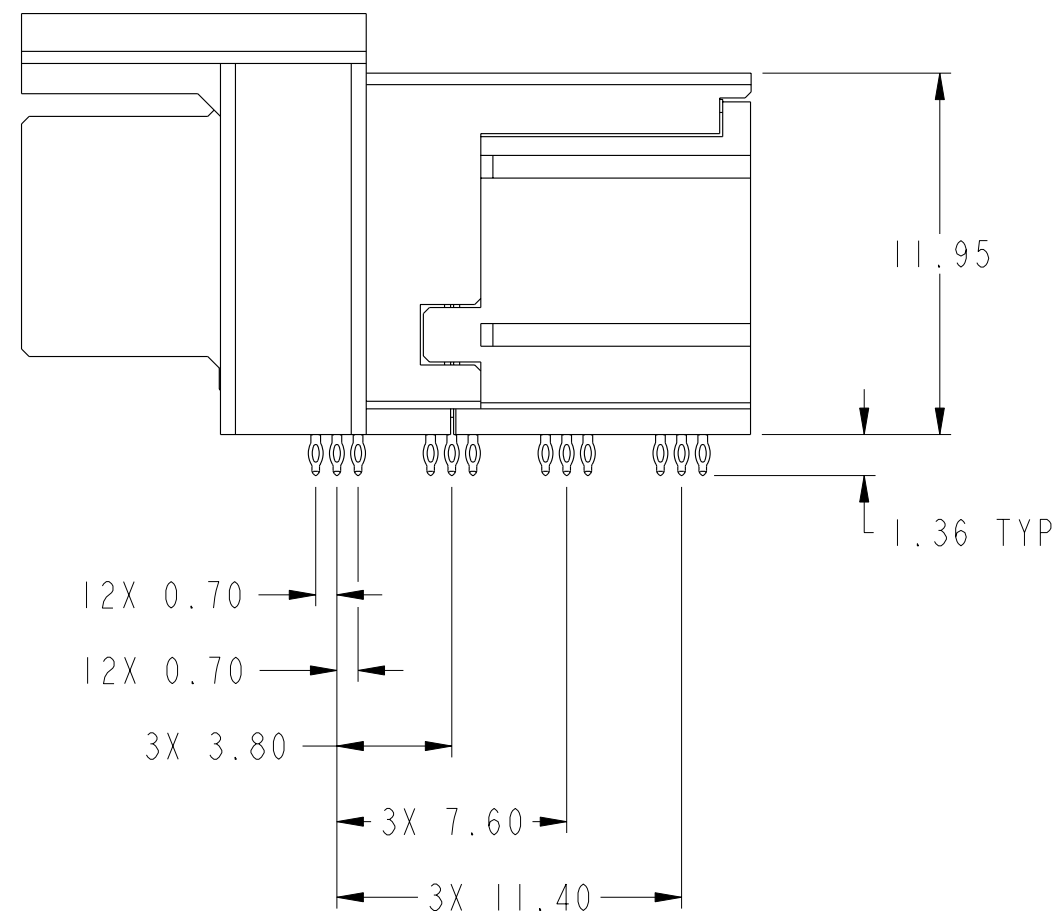
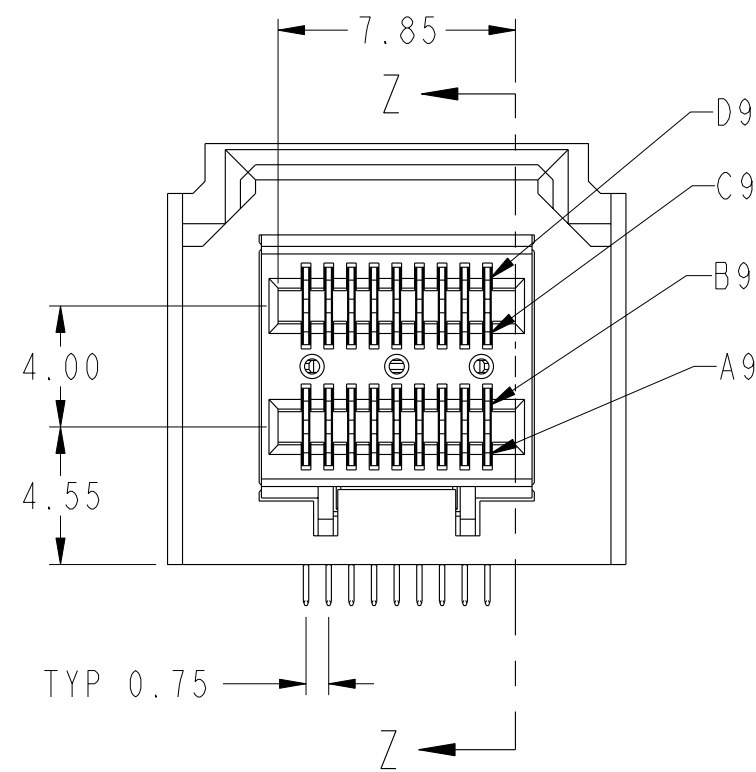
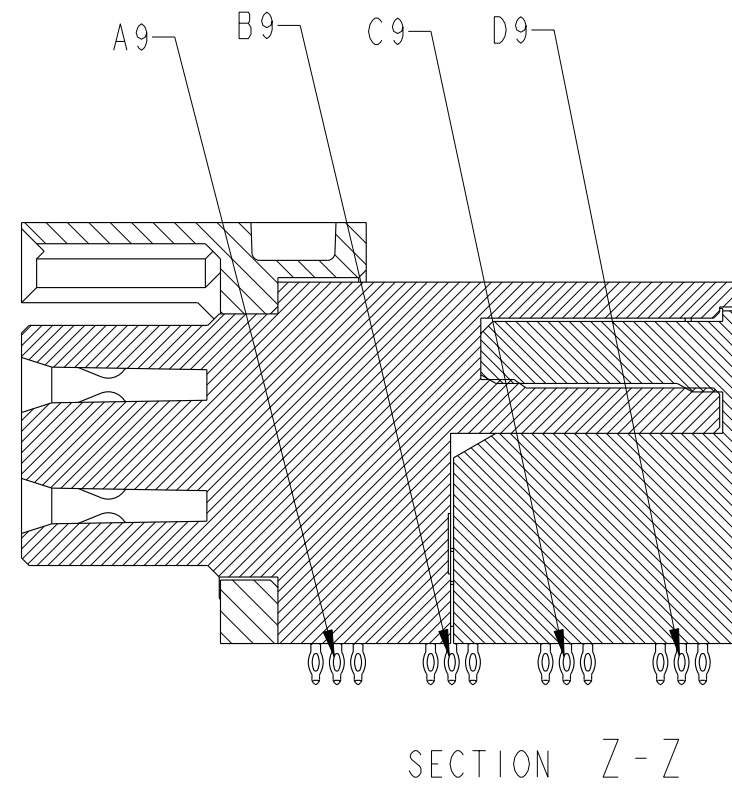
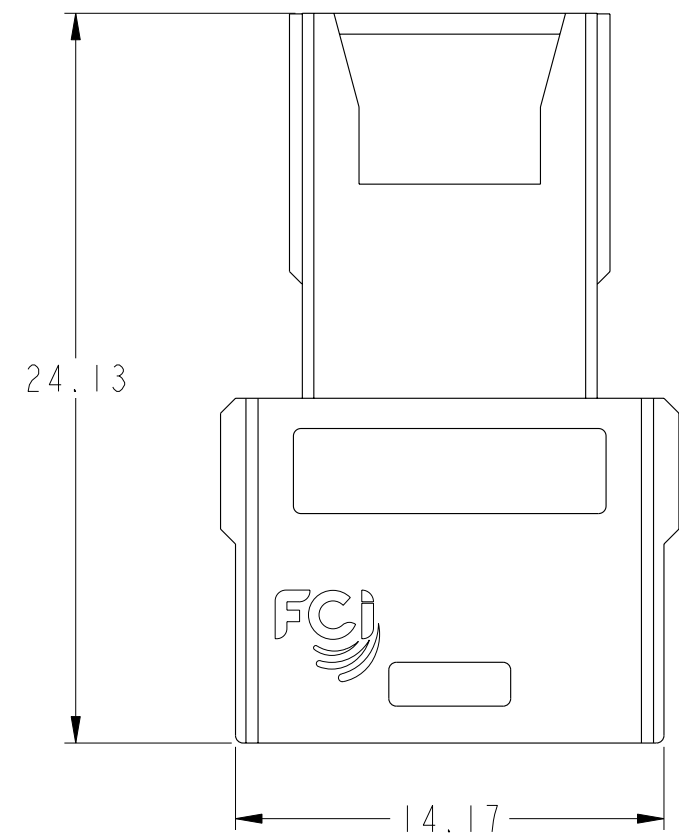


PRODUCT NUMBER	PLATING OPT.
10112632-101	OPTION 1
10112632-101LF	OPTION 2



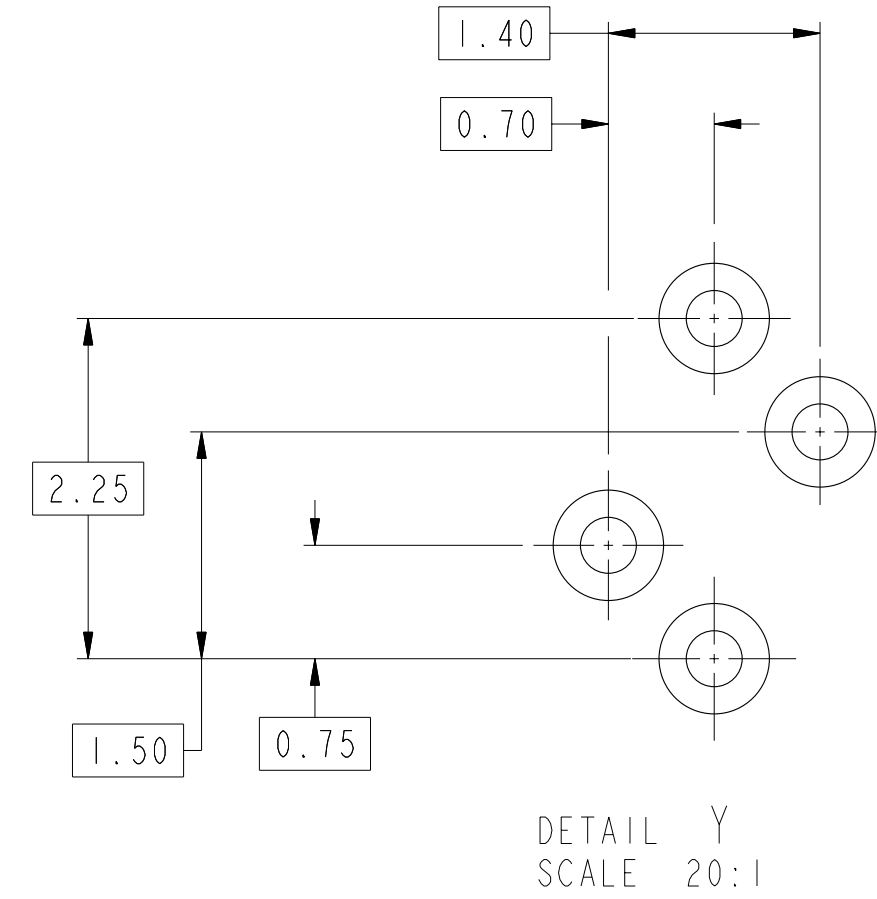
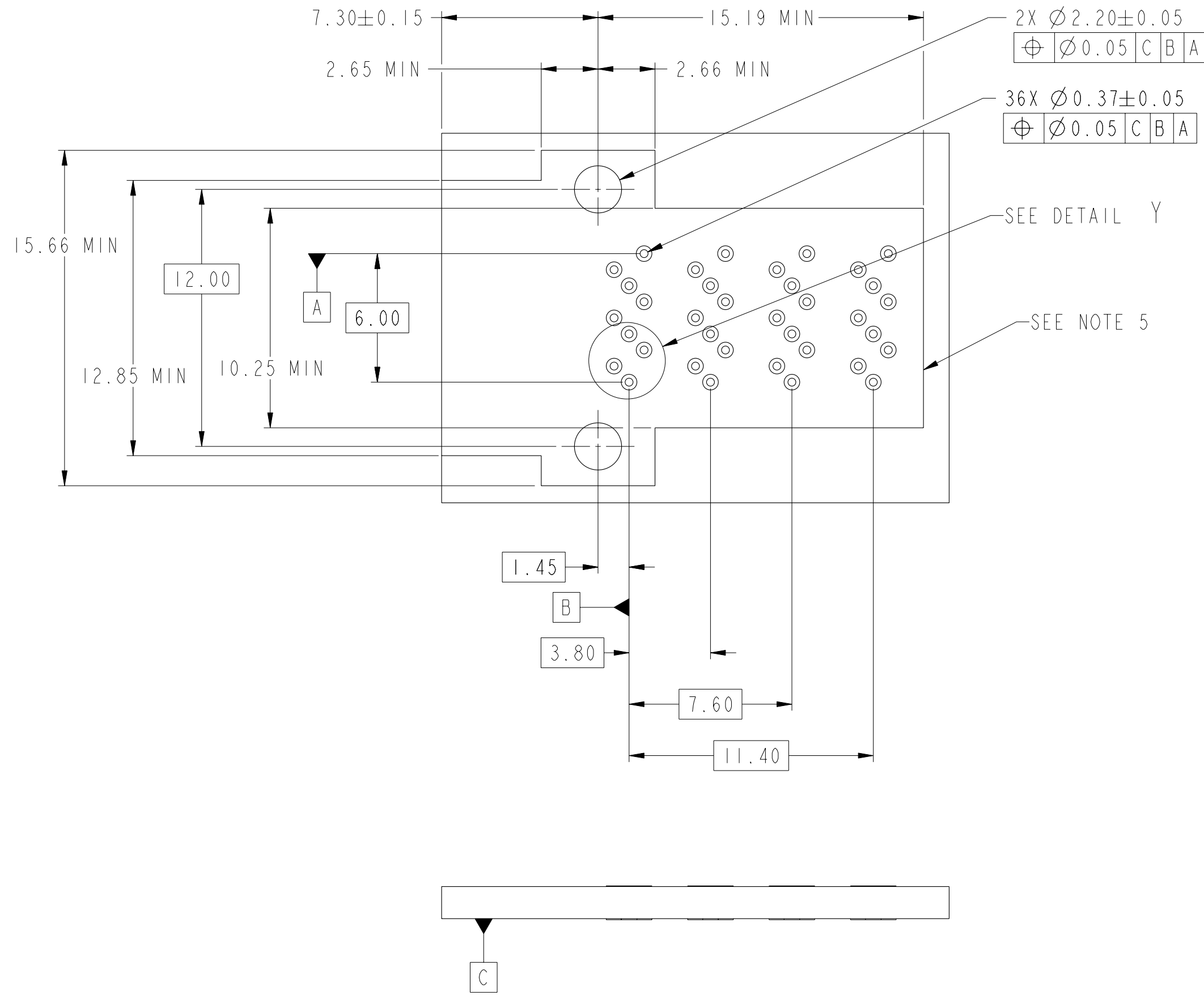
NOTES:

- 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.MANOCHARAN	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		product family MINI-SAS HD	title IXI INTERNAL ASSEMBLY MINI-SAS HD	dwg no 10112632	sheet 1 of 4	cat. no.	Product - Customer Drw
		0.XX	±0.13							
	angular	0°	±1/2°							

RECOMMENDED BOARD LAYOUT



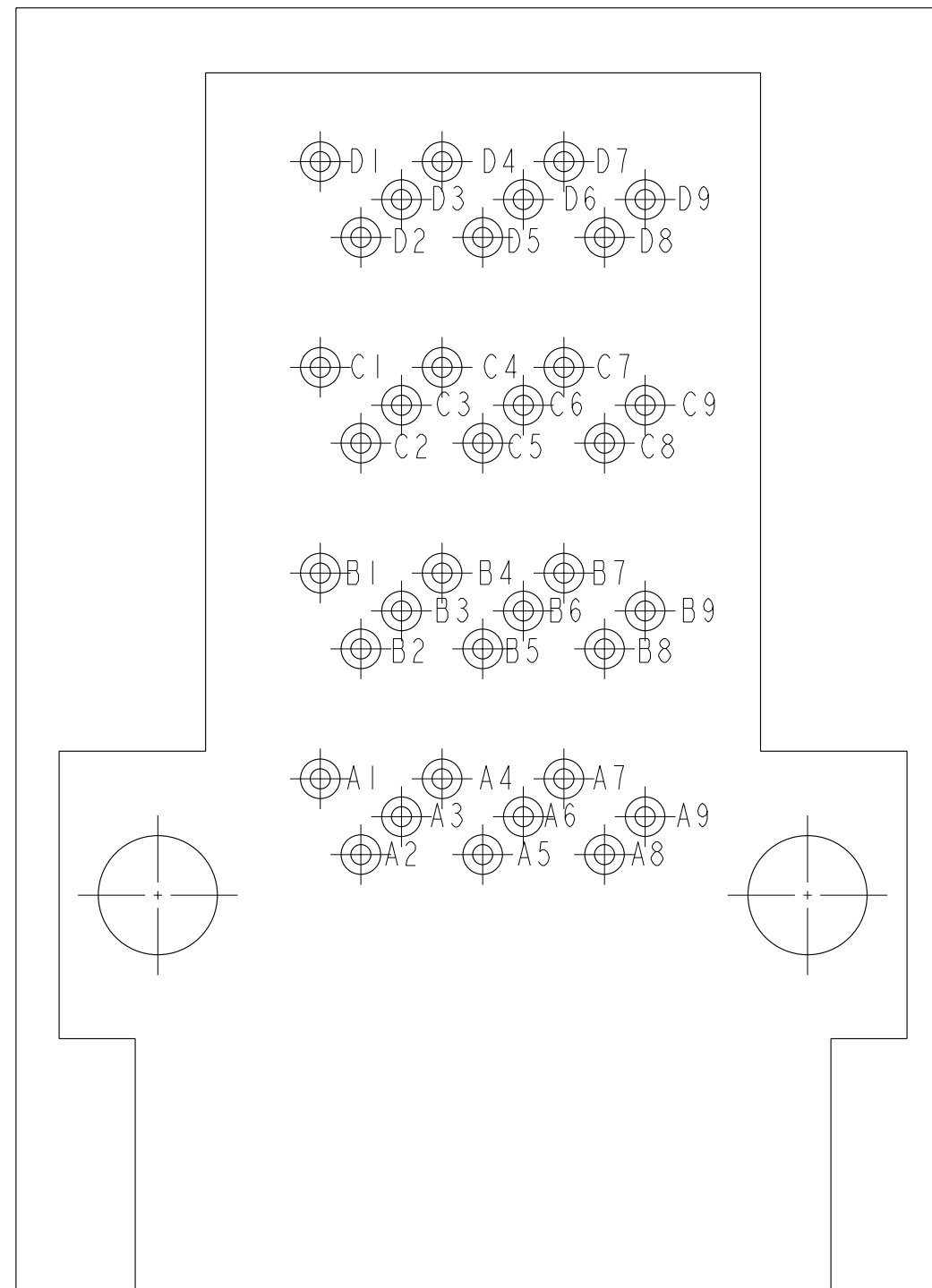
NOTES:

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	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	<table border="1"> <tr> <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>\pm</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>$\pm 1/2^\circ$</td> </tr> </table>	linear	0.X	± 0.25		0.XX	± 0.13		0.XXX	\pm	angular	0°	$\pm 1/2^\circ$			title IXI INTERNAL ASSEMBLY MINI-SAS HD		dwg no 10112632	rev 3		
linear	0.X	± 0.25																			
	0.XX	± 0.13																			
	0.XXX	\pm																			
angular	0°	$\pm 1/2^\circ$																			
ASME Y14.5		www.fci.com		cat. no.	Product - Customer Drw		sheet 2 of 4														

PIN OUT DESIGNATIONS

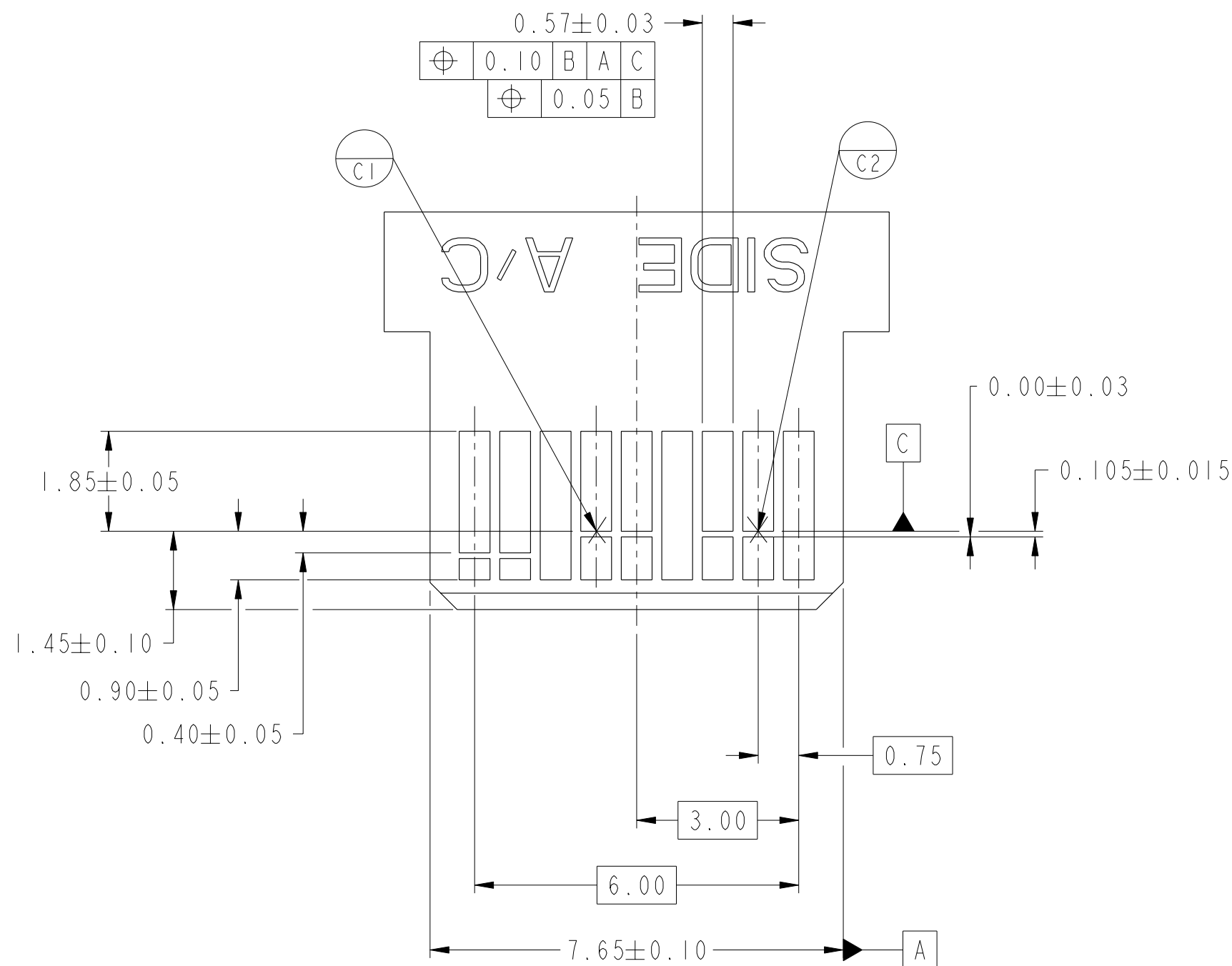
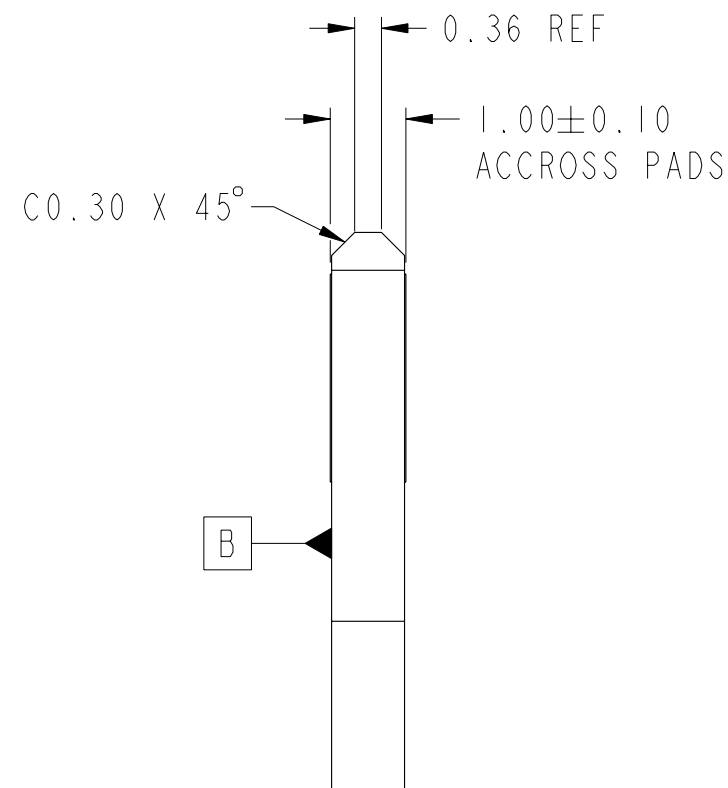
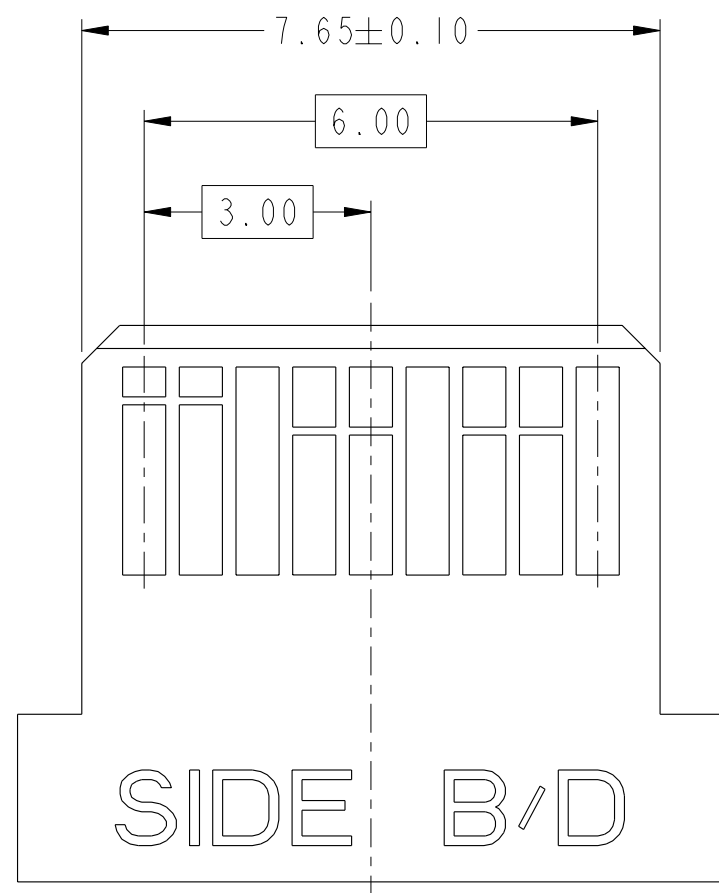


PRELIMINARY

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	<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> <tr> <td>ASME Y14.5</td> <td>angular</td> <td>0°</td> <td>±1/2°</td> </tr> </table>		linear	0.X	±0.25		0.XX	±0.13		0.XXX	±	ASME Y14.5	angular	0°	±1/2°		title IXI INTERNAL ASSEMBLY MINI-SAS HD	dwg no 10112632	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													



Copyright FCI.



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.MANOCHARAN	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		title IXI INTERNAL ASSEMBLY MINI-SAS HD	product family MINI-SAS HD	dwg no 10112632	sheet 4 of 4	cat. no. www.fci.com	
		0.XX	±0.13							
		0.XXX	±							
ASME Y14.5	angular	0°	±1/2°							



Copyright FCI.