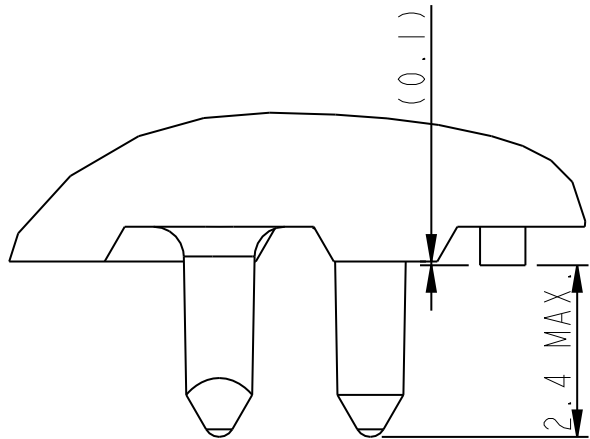
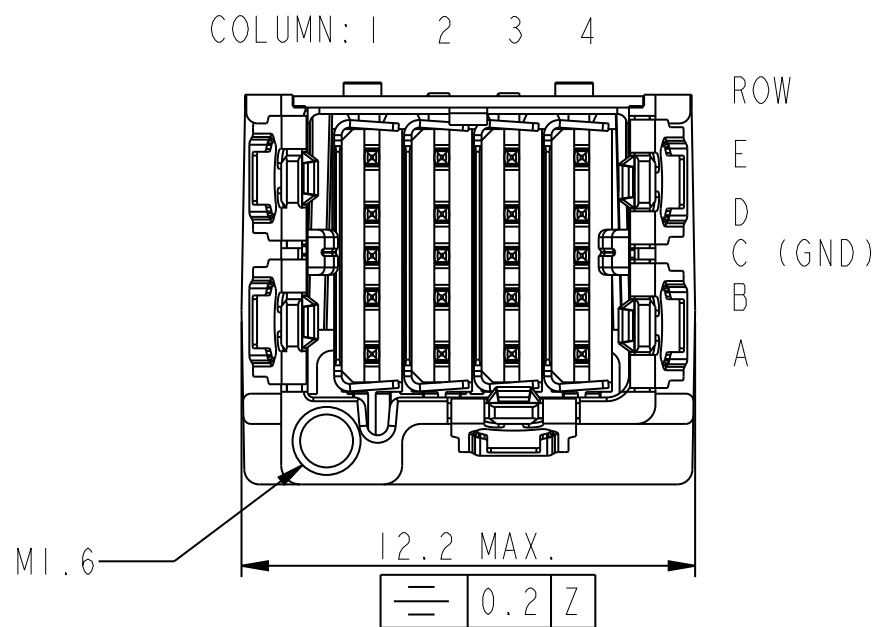
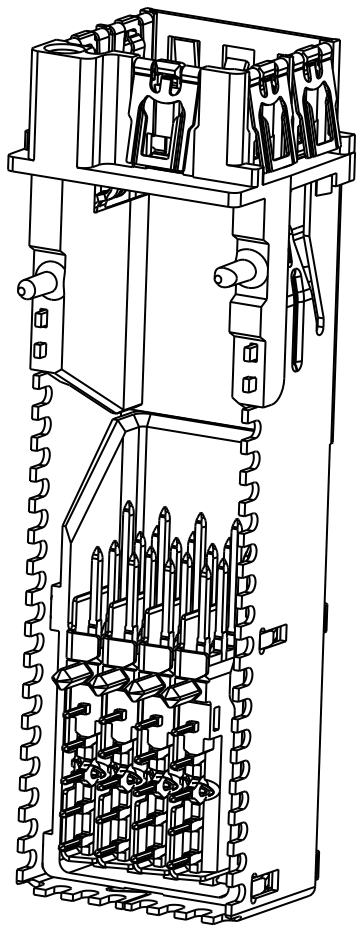
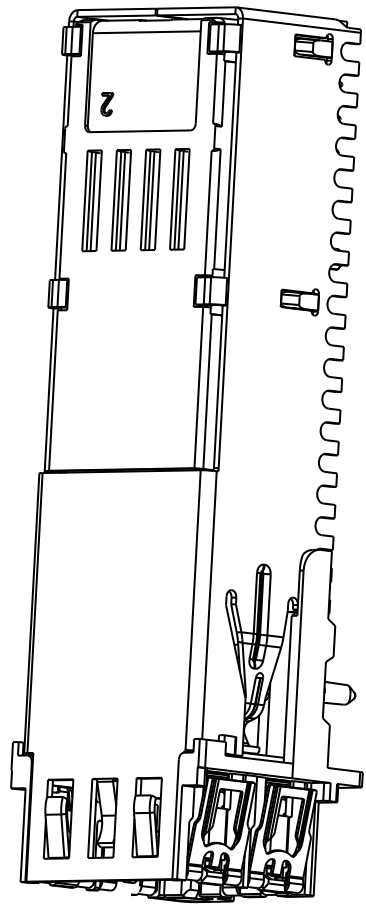


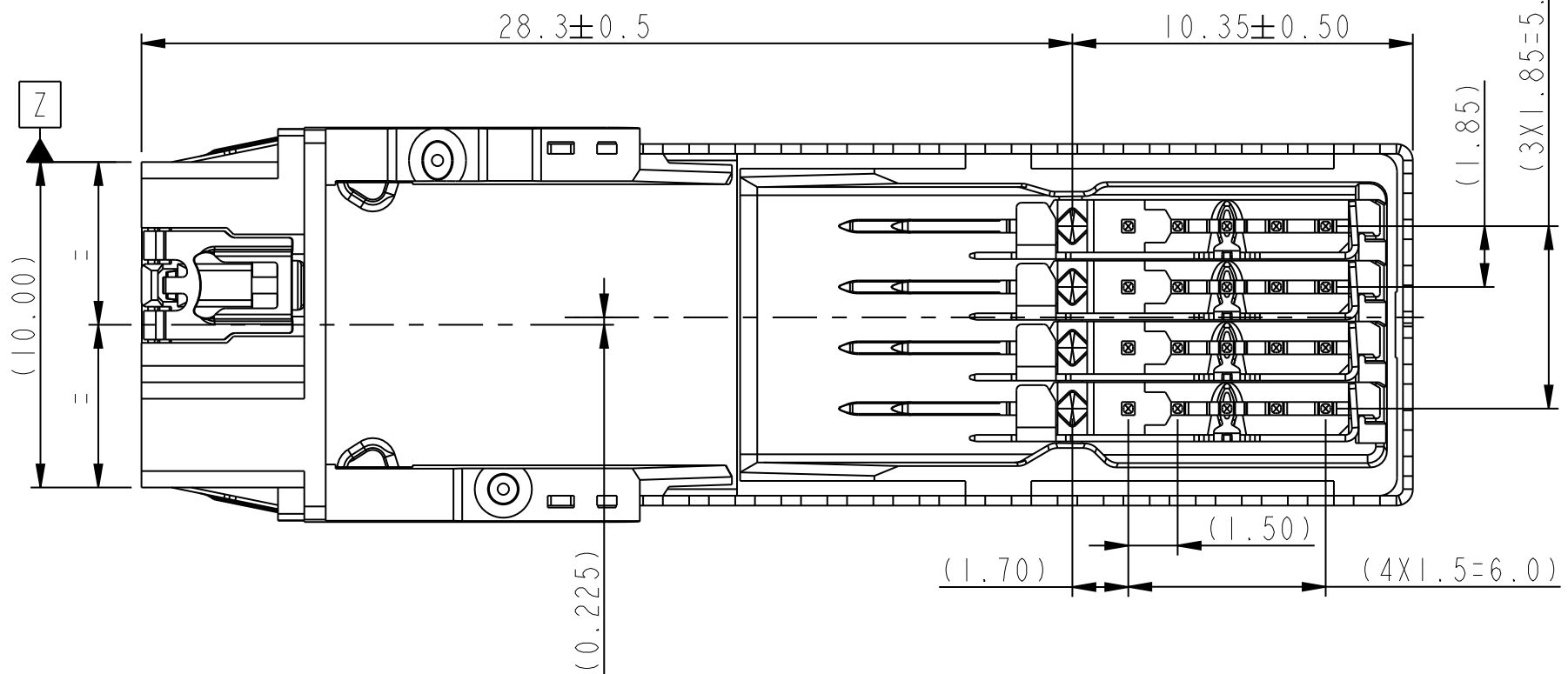
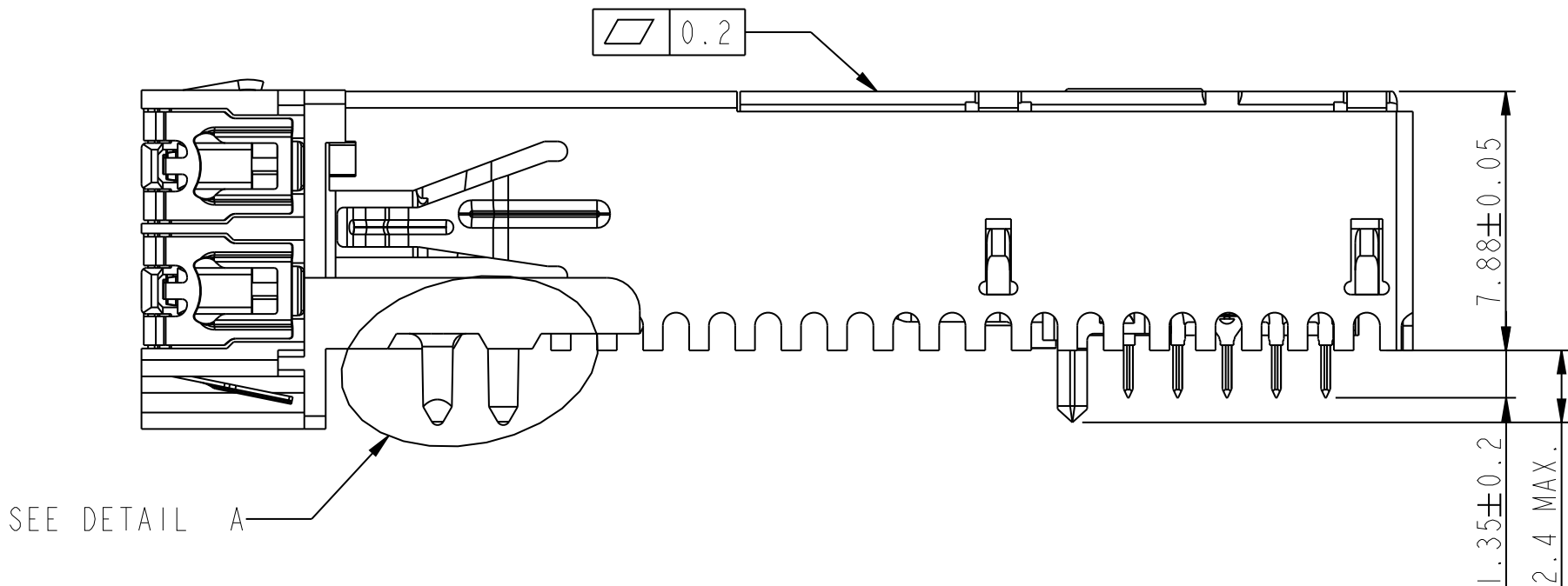
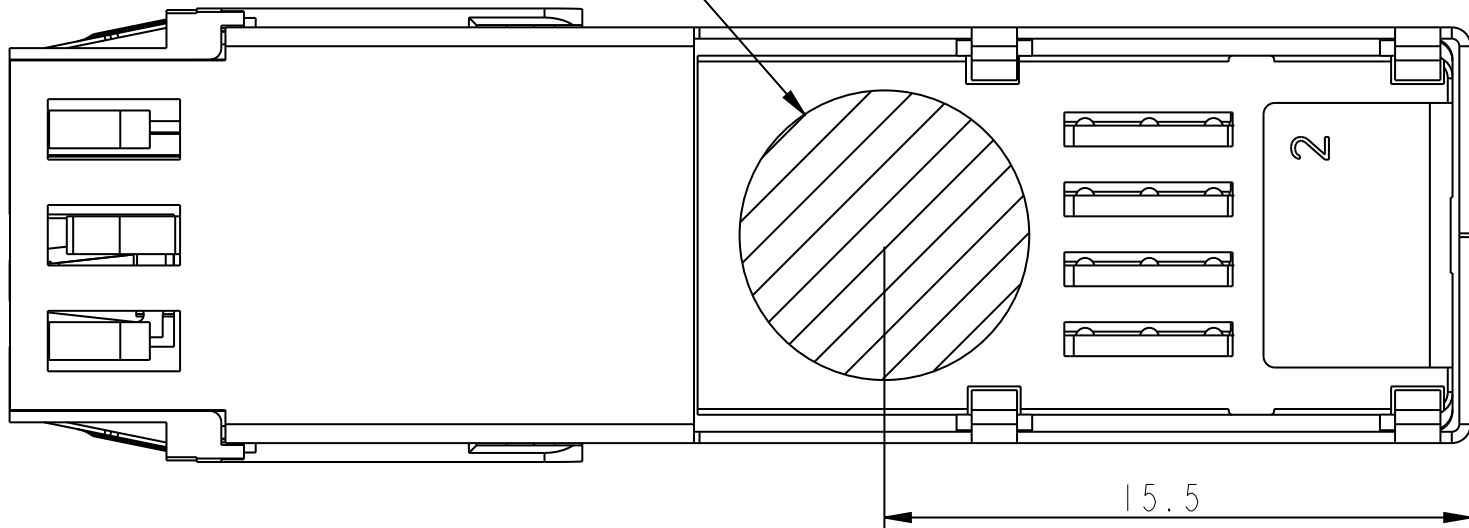
PART NUMBER	10076181-101LF
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DETAIL A
SCALE 10:1

- NOTES:
- MATES WITH CABLE CONNECTOR 10044473-SERIES
 - MATERIALS:
DIECAST-ENTRY: ZINC ALLOY, PLATING/FINISH: Sn PLATED WITH Ni OVER Cu UNDERLAYER,
TOPCOVER - COPPER ALLOY, PLATING/FINISH: Sn PLATED WITH Ni UNDERLAYER,
SPRINGS - STAINLESS STEEL,
RETAINER - HIGH TEMPERATURE FLAME RETARDANT THERMOPLAST, COLOUR NATURAL,
VERTICAL SHIELDS - COPPER ALLOY, PLATING/FINISH: Sn WITH Ni UNDERLAYER,
HEADER IMLA'S - COPPER ALLOY OVERMOLDED WITH HIGH TEMPERATURE FLAME
RETARDANT THERMOPLAST, COLOUR BLACK,
LEADFRAME PLATING/FINISH: NICKEL UNDERPLATING, Au IN CONTACT ZONE, Sn IN SOLDER TAIL AREA.
 - CONNECTOR CAN BE PICKED UP WITH A MECHANICAL GRIPPER OR A VACUUM NOZZLE,
NOZZLE DIAMETER UP TO 6MM. ESTIMATED MAXIMUM MASS OF THE PRODUCT IS ABOUT 3.500 G.
 - ALL COLUMNS ARE ALWAYS FILLED WITH AN SHIELDED IMLA.
 - FCI PRODUCT SPECIFICATION GS-12-314.
 - PACKAGING: TAPE AND REEL ACCORDING TO EIA-481-B, SEE LAST SHEET.
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.
 - THE CONNECTOR WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.FOR MORE DETAILS AND
MOUNTING RECOMMENDATIONS, SEE FCI APPLICATION GUIDE GS-20-048.

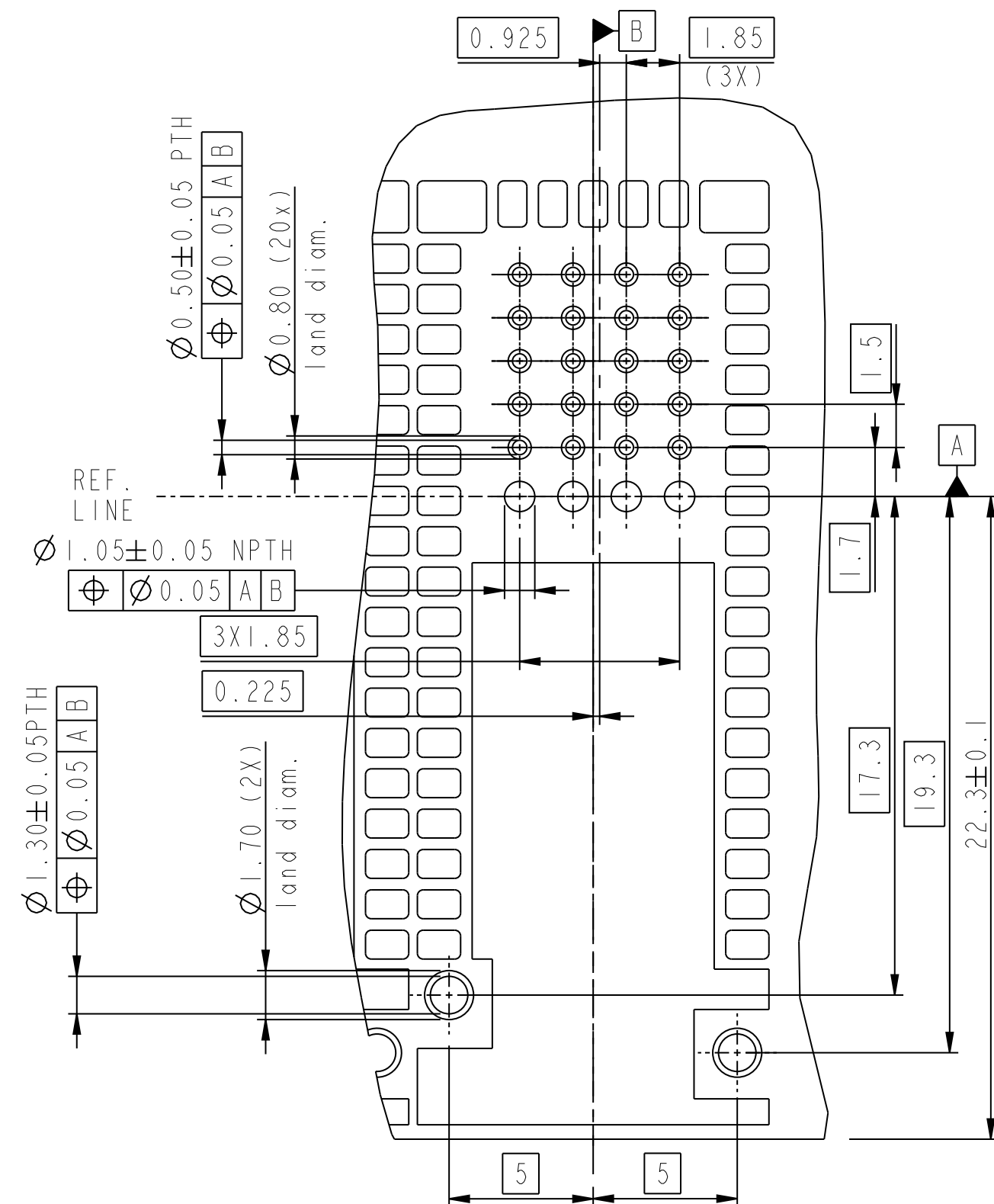
AREA SUITABLE FOR
VACUUM NOZZLE.
(SEE NOTE 3)



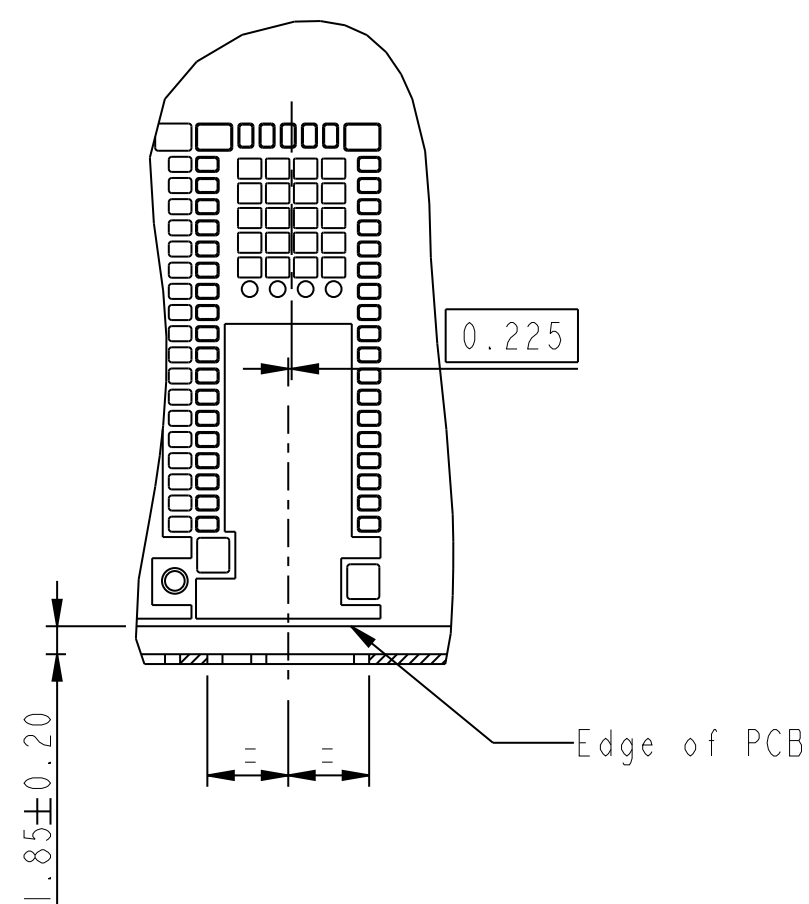
rev	ecn no	dr	date
A	DG07-0300	CLu	07-18-07
B	DG08-0208	CLu	08-05-08
C	DG11-0099	TER	2011-03-30

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection TOLERANCES UNLESS OTHERWISE SPECIFIED	MM
Dr	Collins Lu	070130	ANGULAR	0.X	± 0.3	size
Eng	Collins Lu	070131	0° ± 5°	0.XX	± 0.13	A2
Chr	Gray Hsieh	070201	Product family	0.XXX	± 0.051	ECN
Appr	Joseph Hsia	070201				Spec ref
FCI			title HEADER		dwg no	Rev.
			Densi Micro TCA		10076181	C
			catalog no		customer copy	sheet 1 of 4

RECOMMENDED HOLE PATTERN
AND TRACE DIMENSIONS FOR FULLY
EQUIPPED BOARD CONNECTORS.
(SEE SHEET 1)

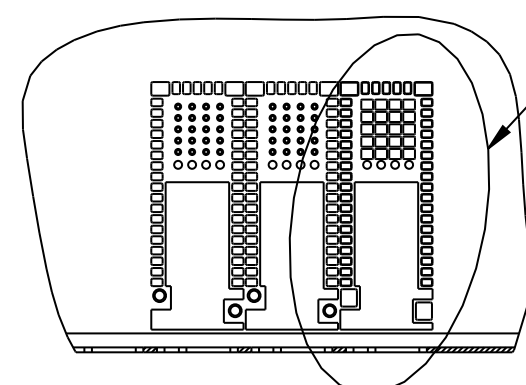


RECOMMENDED BOARD POSITION

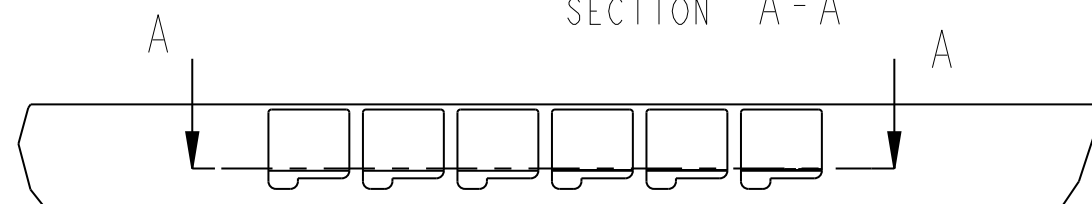


DETAIL C
SCALE 2:1

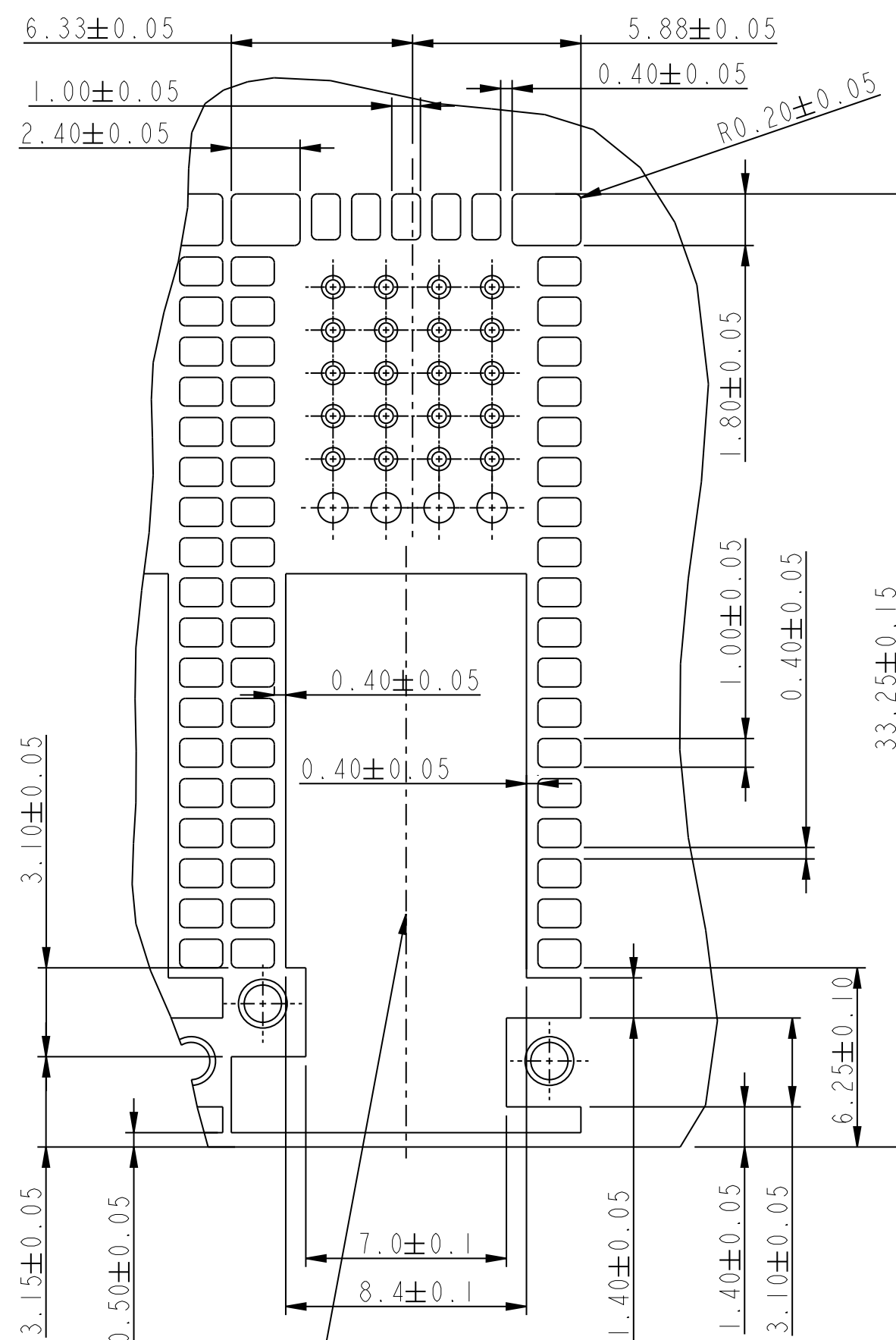
SOLDER MASK NOT ALLOWED ON THIS
REFERENCE PLANE AND LANDS.
PLATING THICKNESS MUST BE CONSTANT
OVER CONTACT AREA.



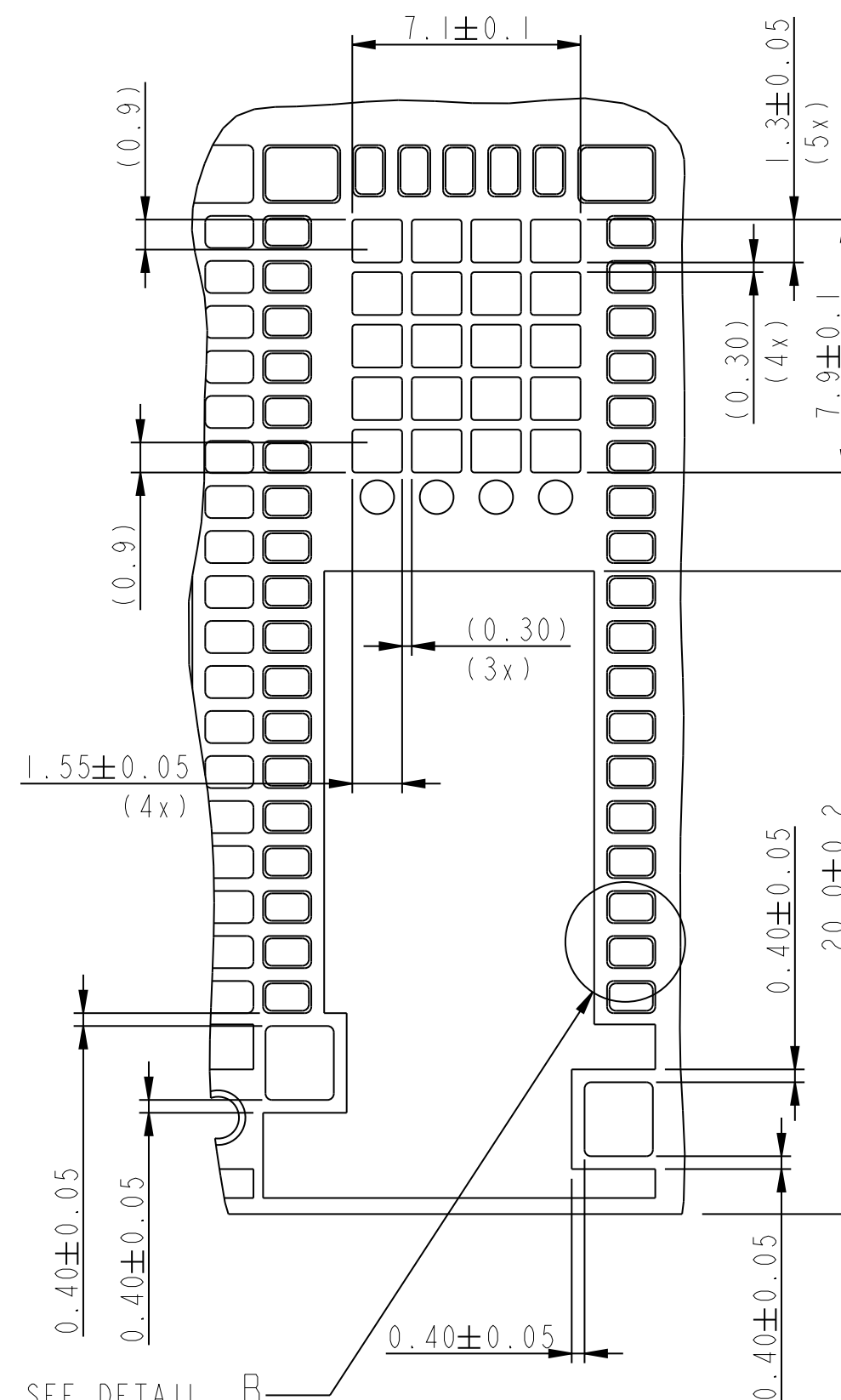
SECTION A-A



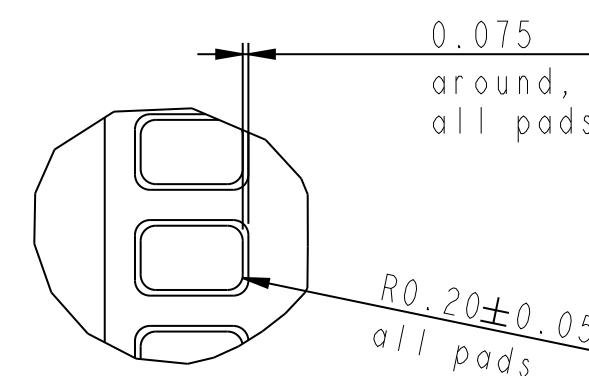
RECOMMENDED ISLAND PATTERN



RECOMMENDED STENCIL LAYOUT
MIN. REQUIRED APERTURES FOR
STENCIL THICKNESS 0.125 MM



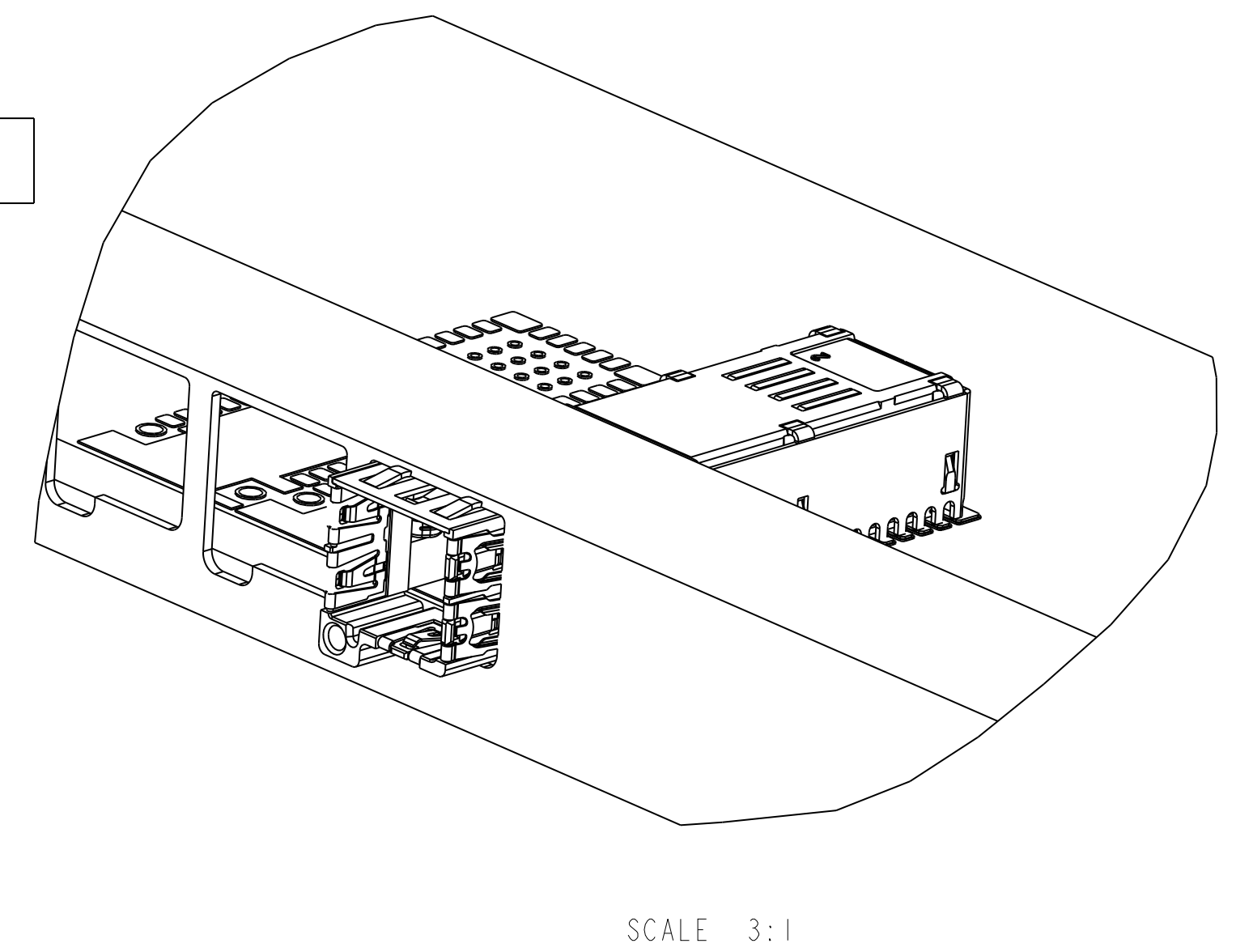
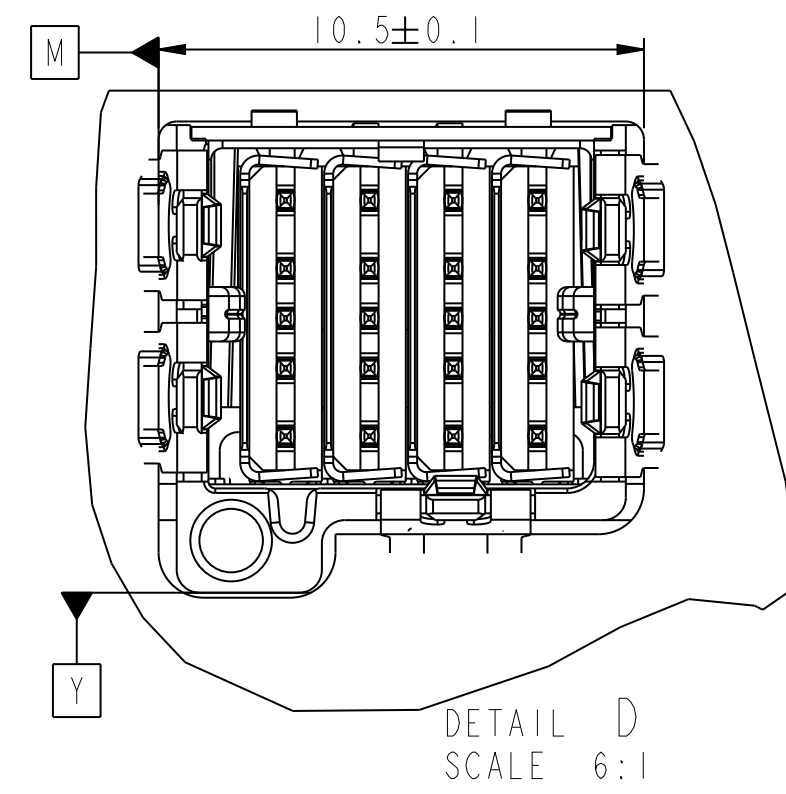
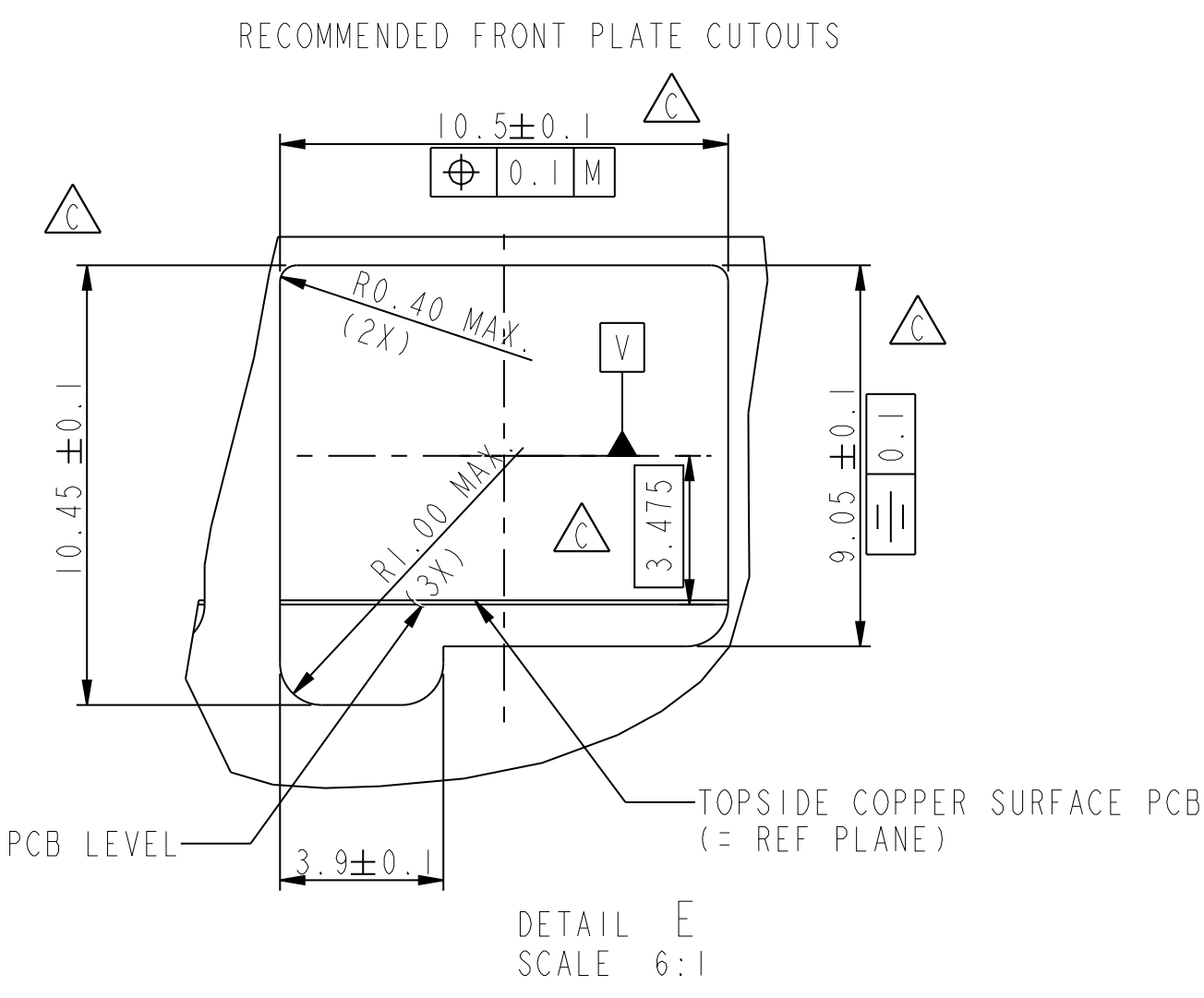
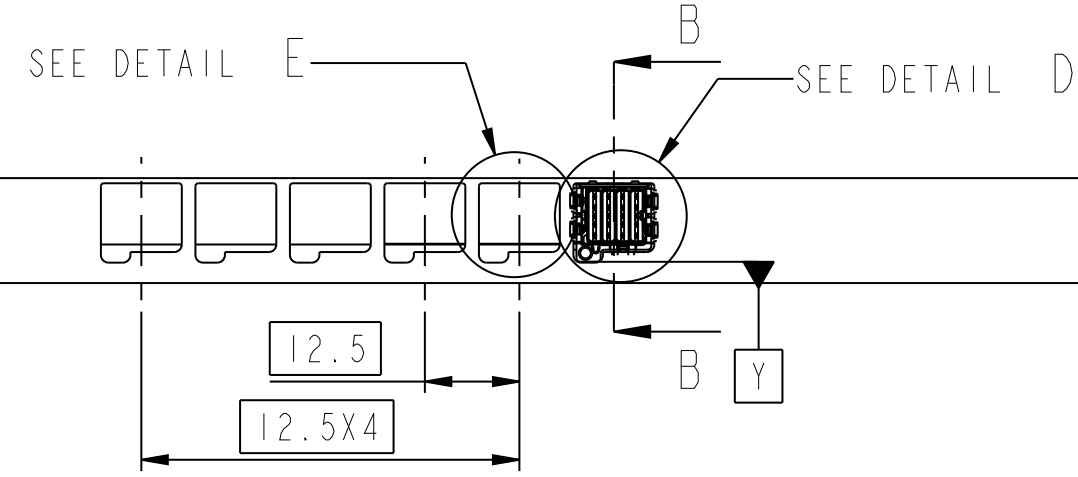
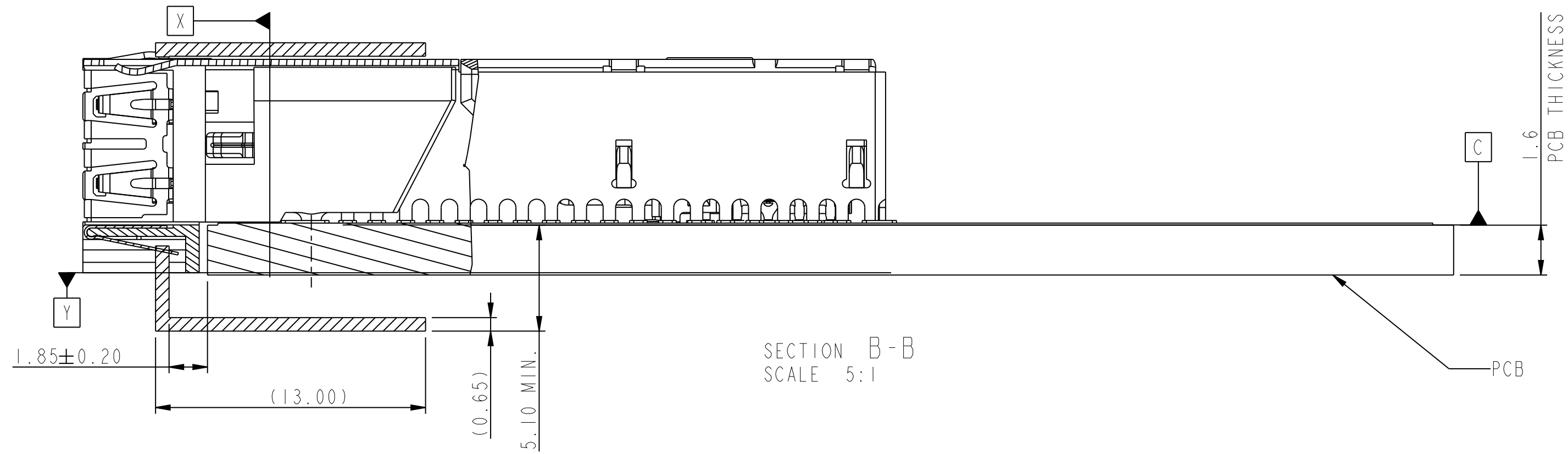
SEE DETAIL B

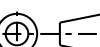


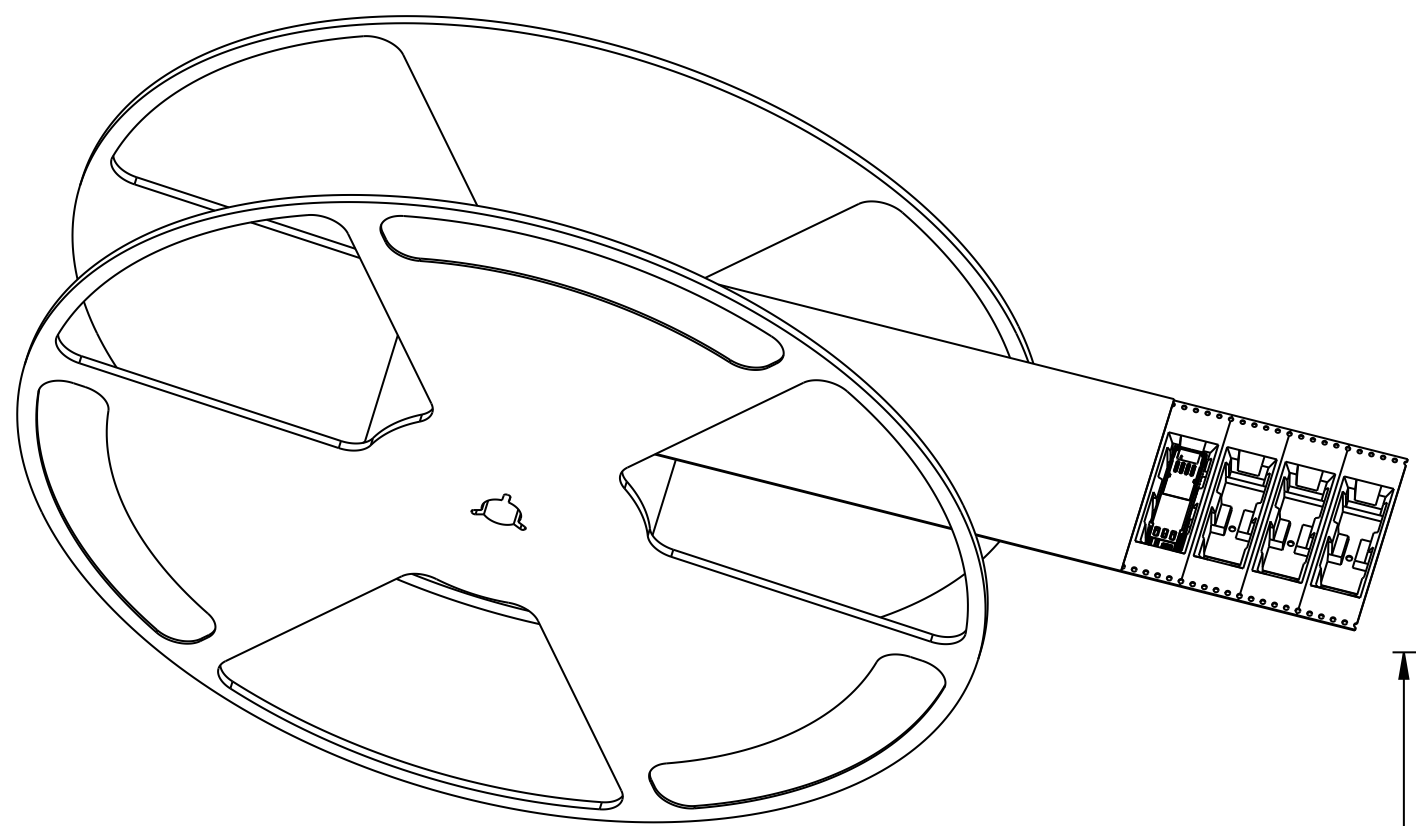
DETAIL B
SCALE 10:1

THE SOLDER CONTENT IN THE PASTE
SHOULD BE SUFFICIENT, TYPICALLY
50% VOLUME PERCENTAGE. THE
SCREEN PRINTING PROCESS (ANGLE,
SPEED,PRESSURE ETC.) MUST BE
OPTIMISED SO THAT ENOUGH SOLDER
IS AVAILABLE.

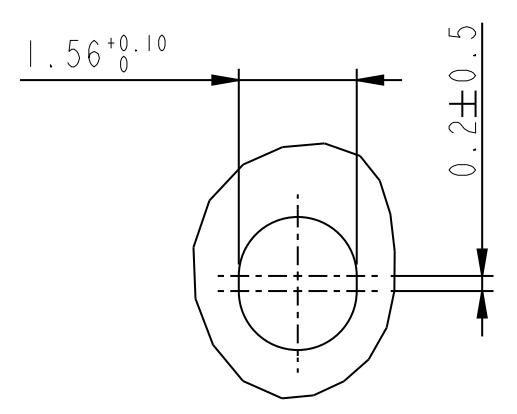
www.fciconnect.com			surface ISO 1302	✓	tolerance std ISO 406 ISO 1101	projection ISO 1101	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	Collins Lu	070130	ANGULAR	LINEAR	0.X	± 0.3	size
Eng	Collins Lu	070131			0.XX	± 0.13	A2
Chr	Gray Hsieh	070201	0° ± 5°		0.XXX	± 0.051	ECN
Appr	Joseph Hsia	070201	Product family			Spec ref	*
FCI			title HEADER			dwg no	10076181
			Densi Micro TCA			Rev.	C
			catalog no			customer copy	sheet 2 of 4



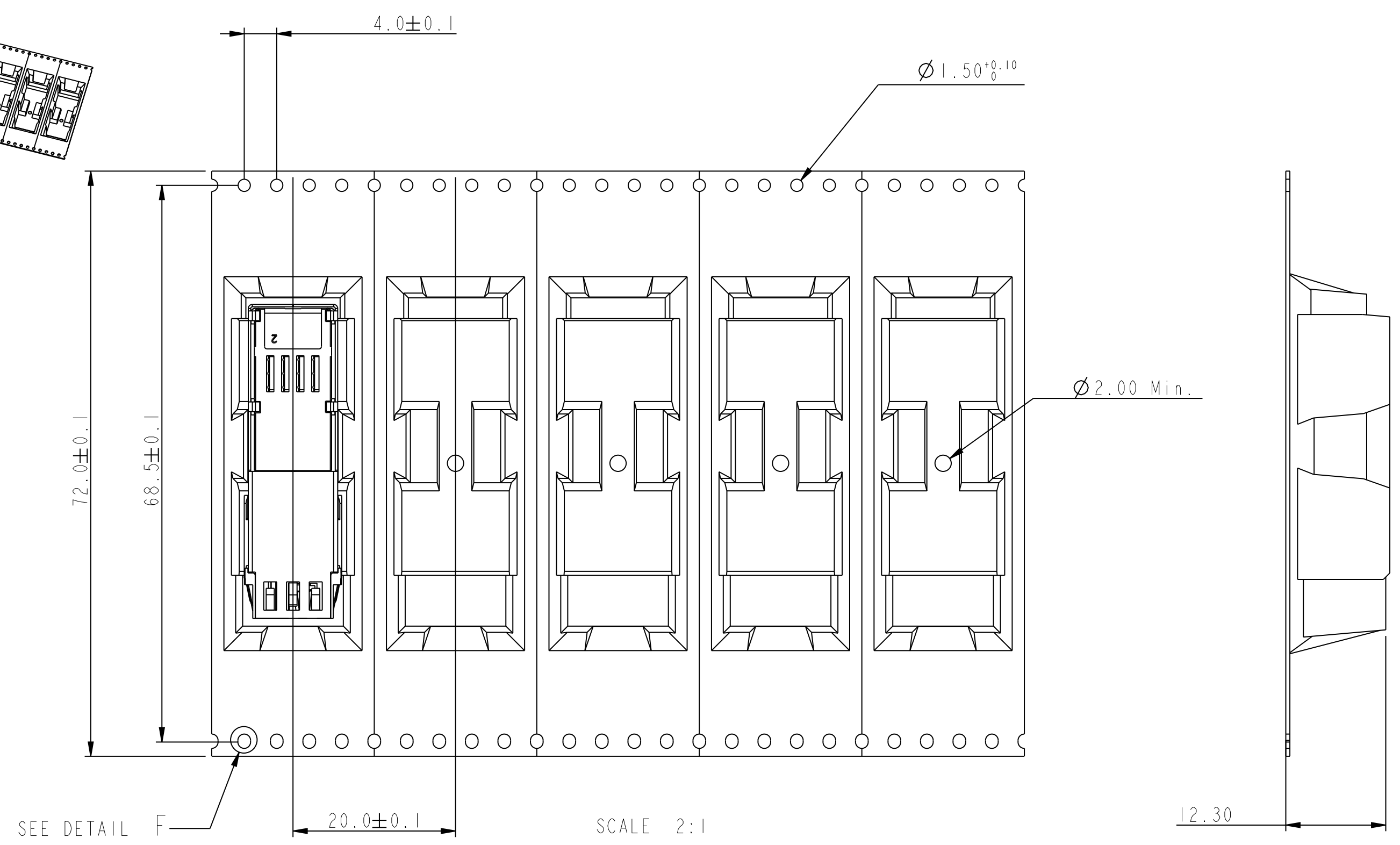
www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM 		
TOLERANCES UNLESS OTHERWISE SPECIFIED											
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Eng	Collins Lu	070131			0.XX	± 0.13					
Chr	Gray Hsieh	070201	0°	± 5°	0.XXX	± 0.051	ECN	*			
Appr	Joseph Hsia	070201	Product family					Spec ref			*
		title				dwg no				Rev.	
		HEADER				10076181				C	
		Densi Micro TCA									
catalog no				*		customer copy			sheet 3 of 4		



SCALE 2:5



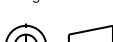
DETAIL F
SCALE 10:1



SEE DETAIL F

SCALE 2:1

NOTE:
1. MATERIAL CARRIER TAPE: Polystyrene;
2. MATERIAL COVER TAPE: Polyester;
3. THE PACKAGING IS ANTISTATIC TREATED.

www.fciconnect.com			surface ISO 1302 		tolerance std ISO 406 ISO 1101		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	Collins Lu	070130	ANGULAR	LINEAR	0.X	± 0.3	size A2	Scale 1:1		
Eng	Collins Lu	070131			0.XX	± 0.13				
Chr	Gray Hsieh	070201			0°. ± 5°	0.XXX				
							ECN		*	
Appr	Joseph Hsia	070201	Product family				Spec ref *			
			title HEADER Densi Micro TCA				dwg no 10076181		Rev. C	
			catalog no *		customer copy		sheet 4 of 4			

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