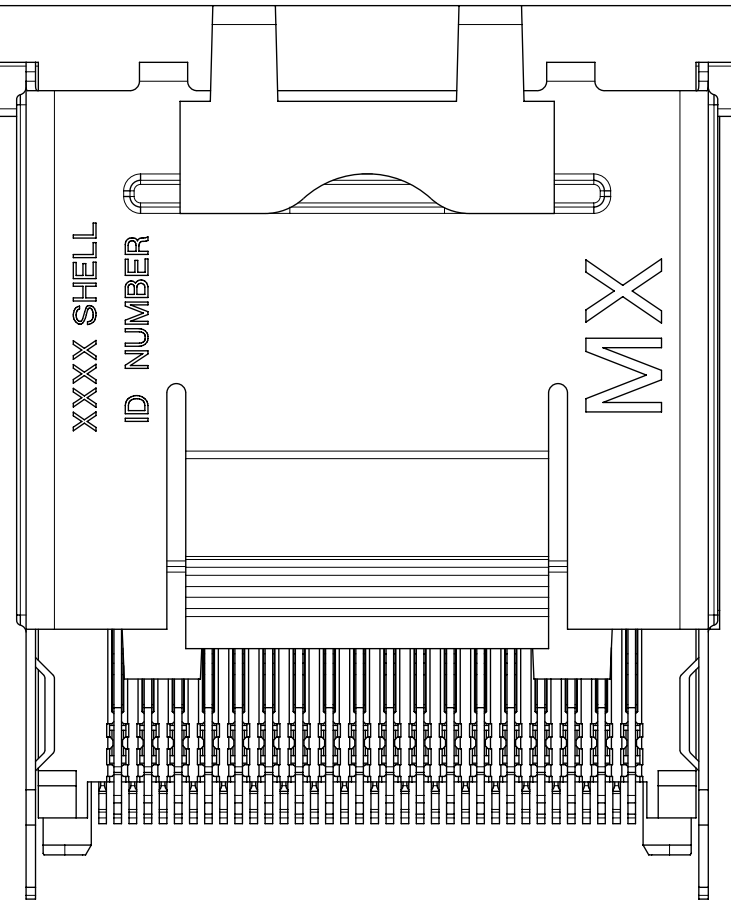
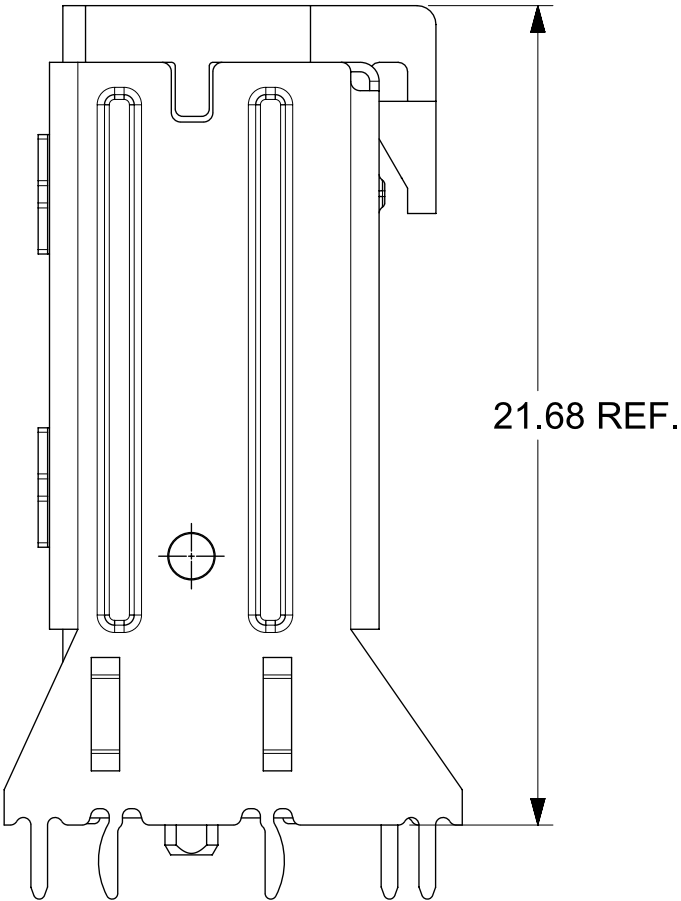
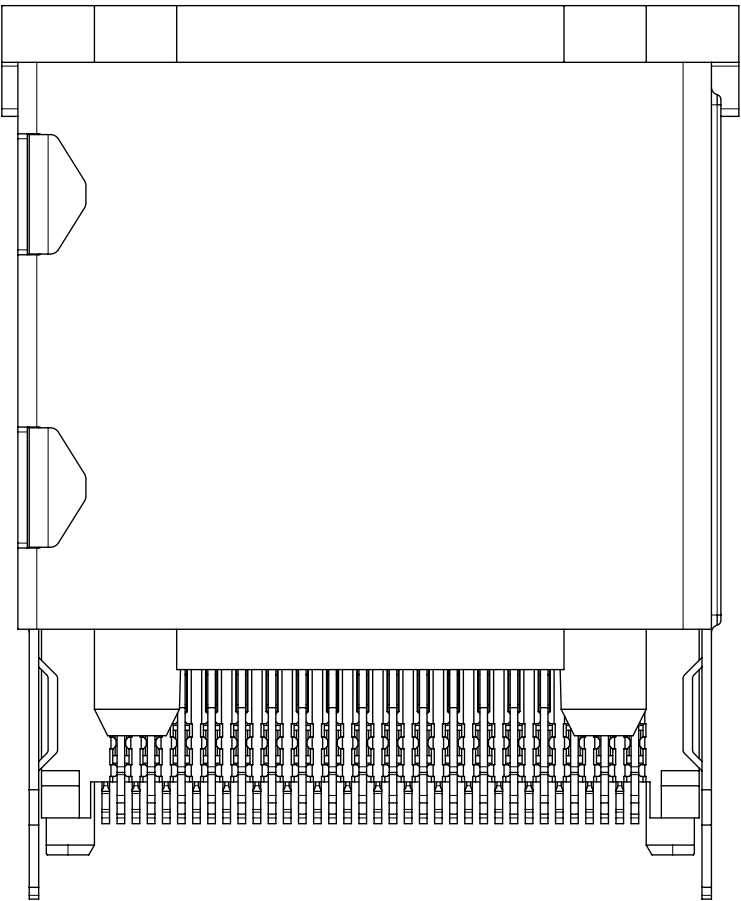
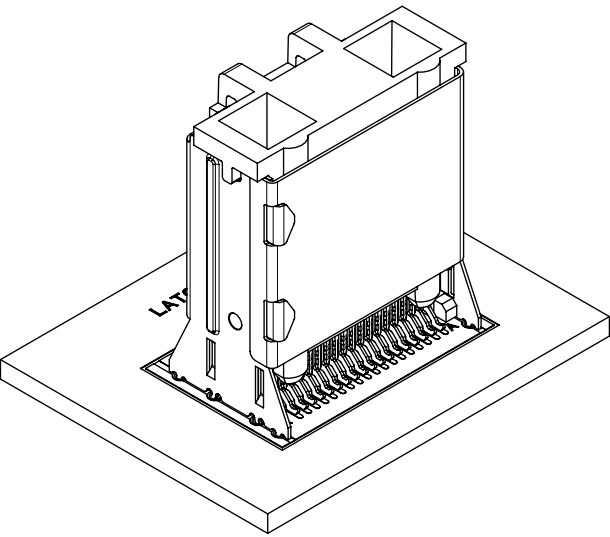
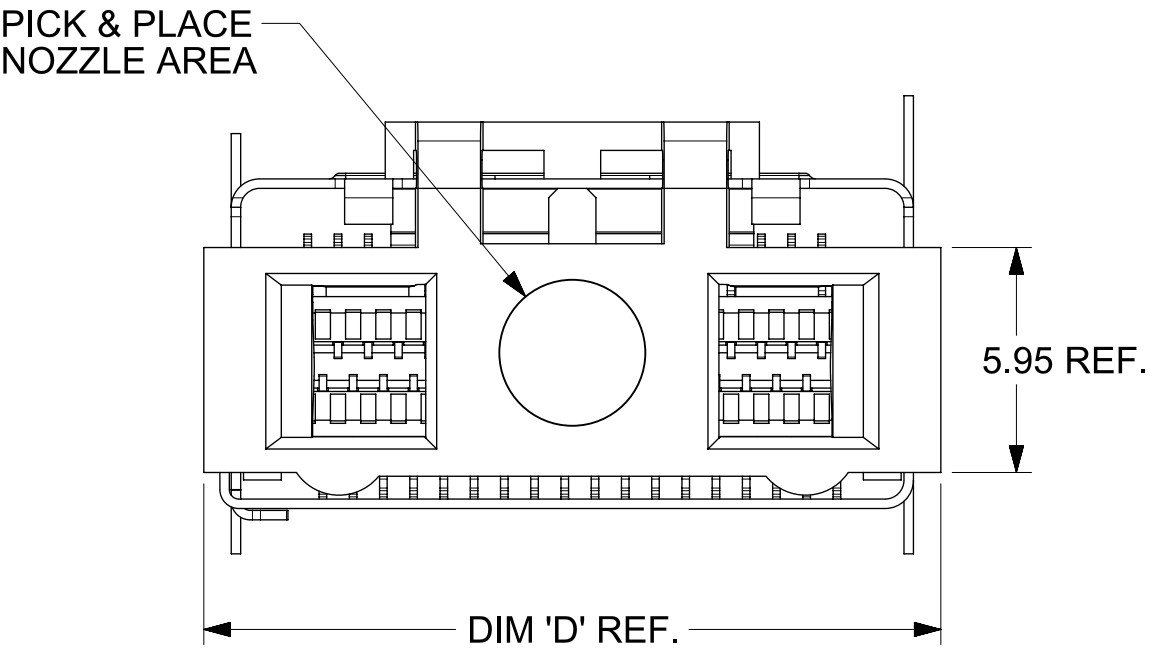


ASSEMBLY WITH PRE-POSITIONING DEVICE



36 CIRCUIT RETENTION FIT SHOWN

- NOTES:
- PICK AND PLACE LOCATION DEFINED ON APPLICATION SPECIFICATION AS-75783-001
 - PACKAGING CONSISTS OF CONNECTOR AND SHELL WITH A PRE-POSITIONING PICK AND PLACE DEVICE THAT ARE PACKAGED IN "TAPE AND REEL" FOR ROBOTIC PICK AND PLACE.

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CIRCUIT SIZE	DIM 'D'
36	19.50
50	25.10
68	32.30

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148				molex											
mm		5:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)				I-PASS VERT CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O PRODUCT SALES DRAWING <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>SD-75784-001</td><td>PSD</td><td>001</td><td>D9</td></tr></table>								DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	SD-75784-001	PSD	001	D9
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION																
SD-75784-001	PSD	001	D9																
ANGULAR TOL		±	0.5°																
4 PLACES		±																	
3 PLACES		±																	
2 PLACES		± 0.130																	
1 PLACE		± 0.25																	
0 PLACES		±																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER									
						C-SIZE		75784		SEE TABLE		CUSTOMER							
										GENERAL MARKET									
										SHEET NUMBER									
										2 OF 12									

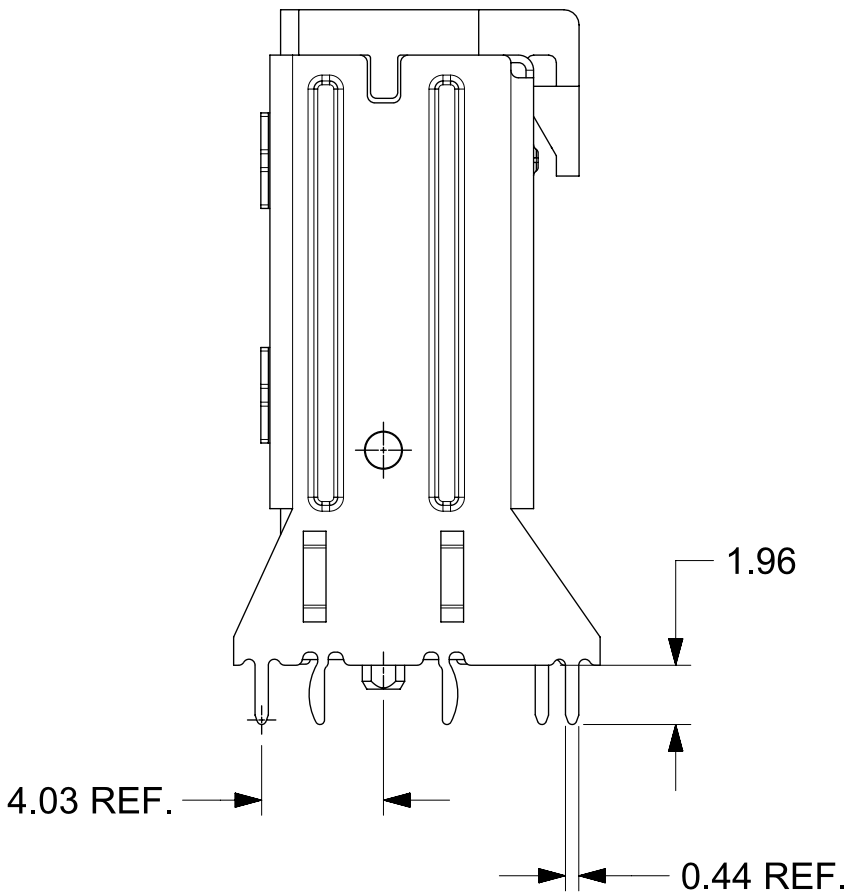
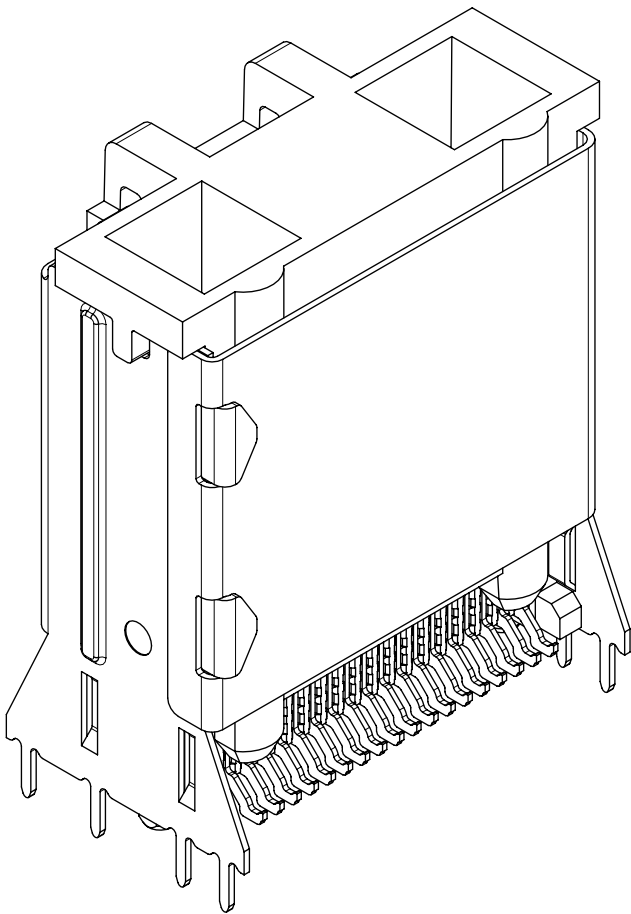
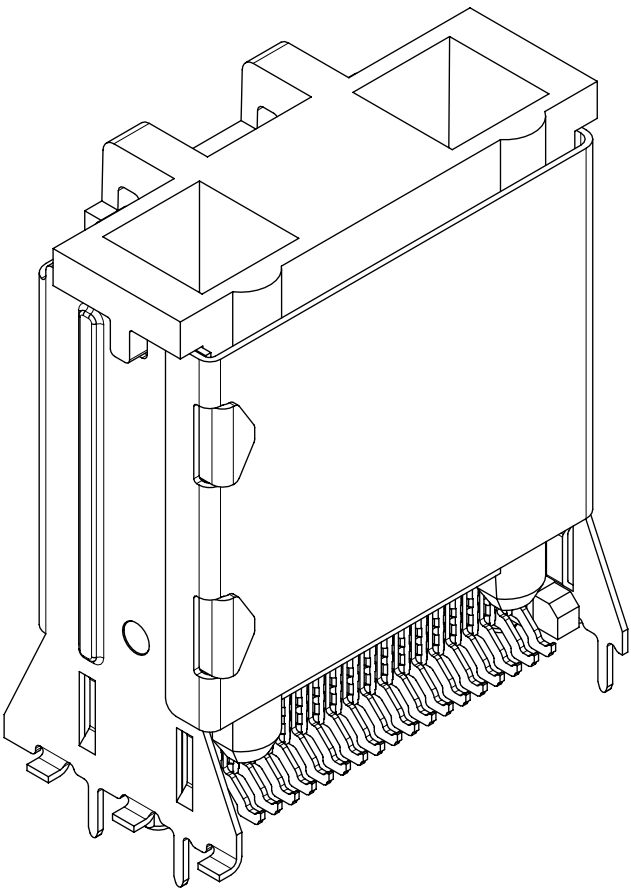
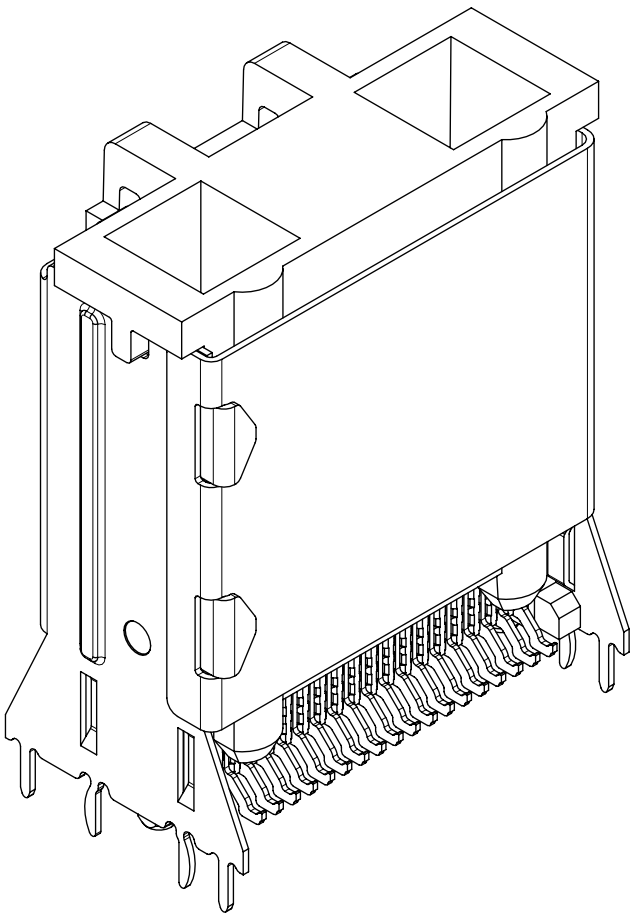
molex

I-PASS VERT CONNECTOR
INTERNAL ASSY W/SHELL 0.8MM PITCH I/O

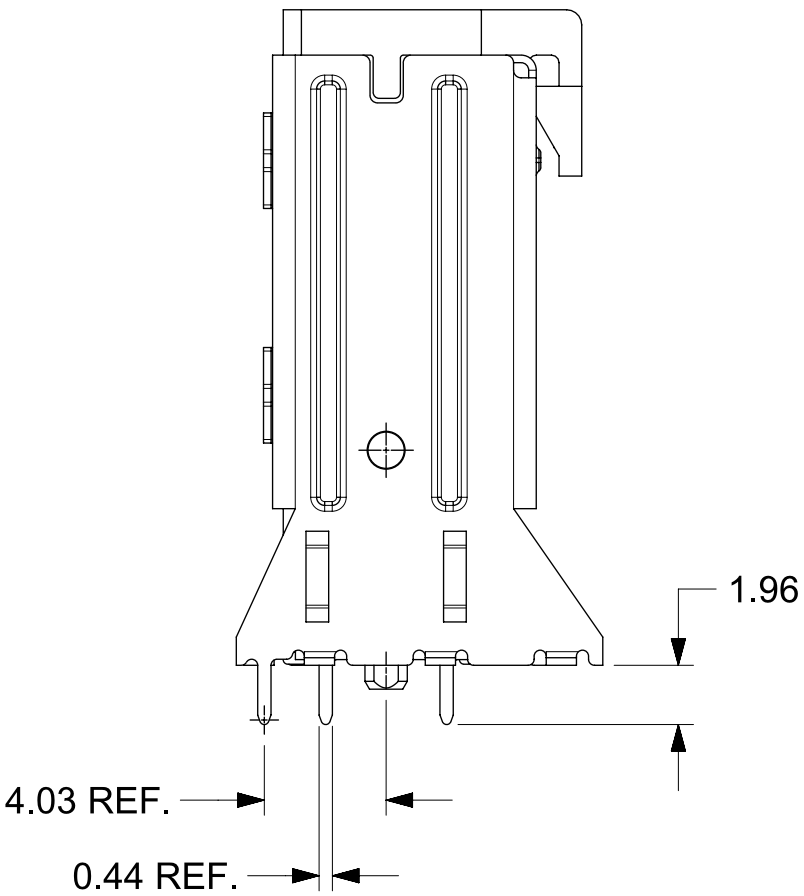
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75784-001	PSD	001	D9

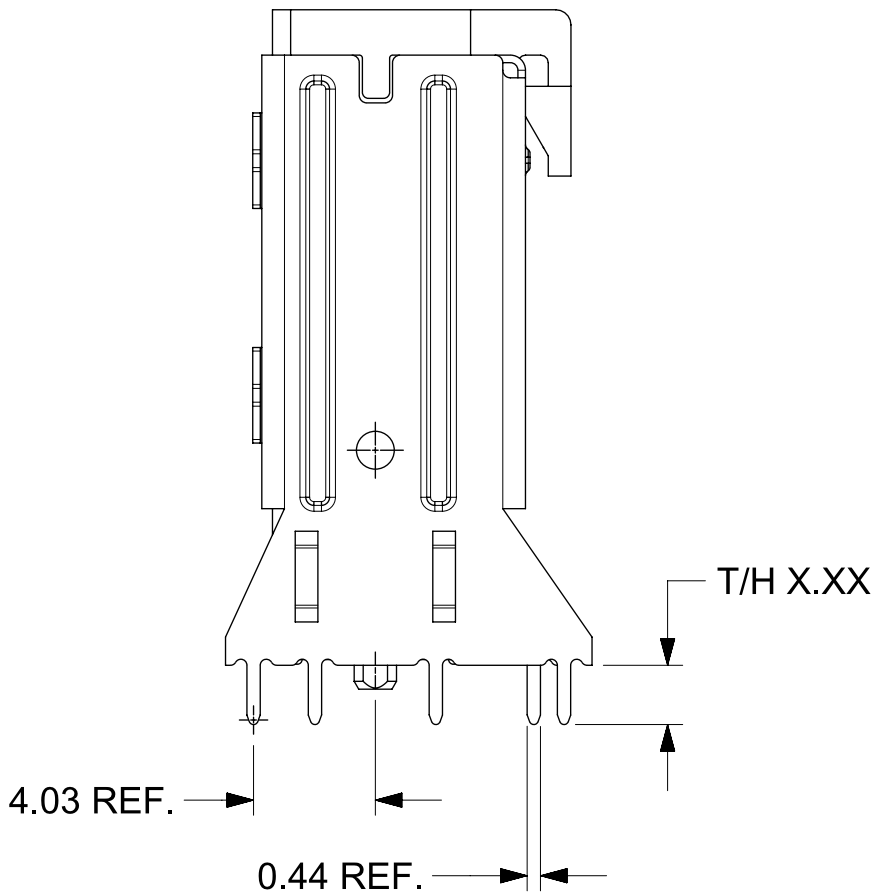
SHELL PCB INTERFACE



RETENTION-FIT
SHELL OPTION



SMT SHELL OPTION



THRU-HOLE SHELL OPTION
SEE TABLE FOR LENGTH
(X.XX DENOTES LENGTH)

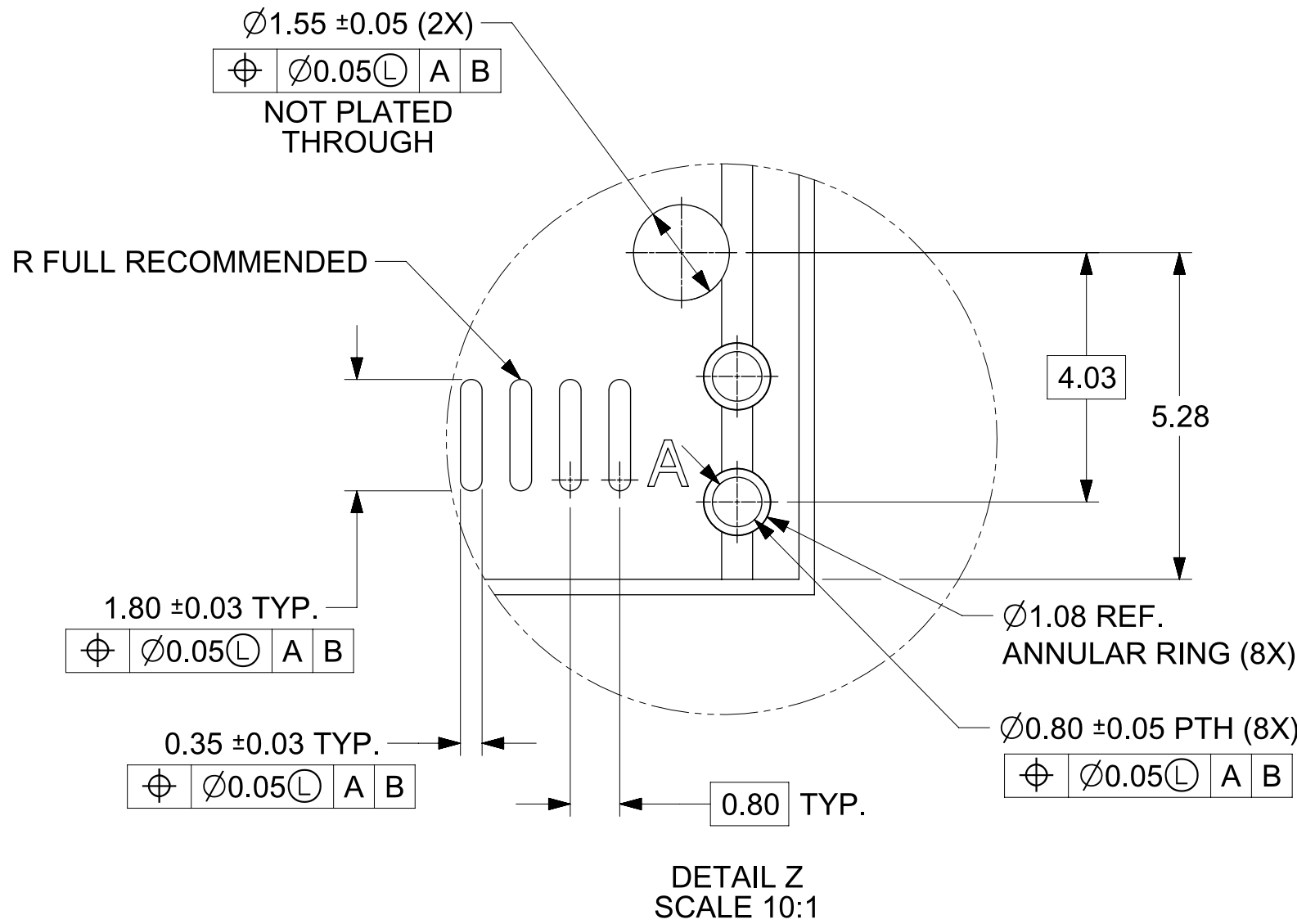
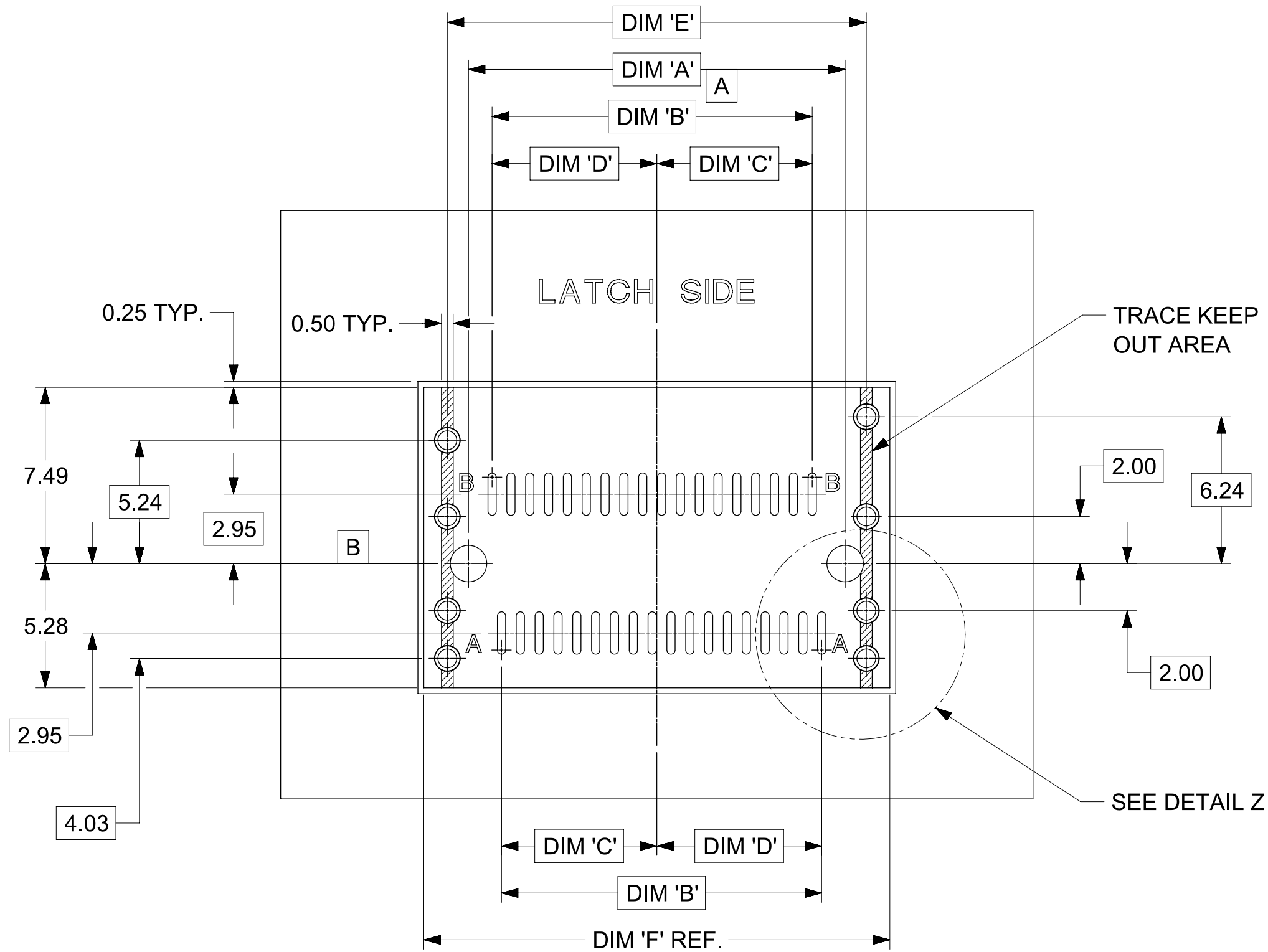
RECOMMENDED PCB THICKNESS FOR SPECIFIED TAIL LENGTH	
TAIL LENGTH	PCB THICKNESS
1.96	1.57 (.062)
2.79	2.36 (.093)
3.18	2.79 (.110)
3.56	3.18 (.125)

NOTE:
RETENTION FIT DENOTES TAILS THAT OFFER RETENTION
TO PCB DURING REFLOW PROCESS
SMT DENOTES SURFACE MOUNT TERMINATION
T/H X.XX DENOTES THRU-HOLE TAIL OF LENGTH X.XX

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DIMENSION UNITS mm		SCALE 4:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148				molex									
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 0.5°																	
4 PLACES ±																	
3 PLACES ±				STATUS: Production DRWN: Vishal Ramesh Hosur 2024-05-08 CHK'D: Ganesh Rao B 2024-05-20 APPR: Gurunandan GA 2024-05-20				I-PASS VERT CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O									
2 PLACES ± 0.130																	
1 PLACE ± 0.25																	
0 PLACES ±				PRODUCT SALES DRAWING				DOCUMENT NUMBER SD-75784-001				DOC TYPE PSD		DOC PART 001		REVISION D9	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 75784		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 12			

VERTICAL CONNECTOR
WITH RETENTION FIT & THRU-HOLE SHELL
PCB FOOT PRINT

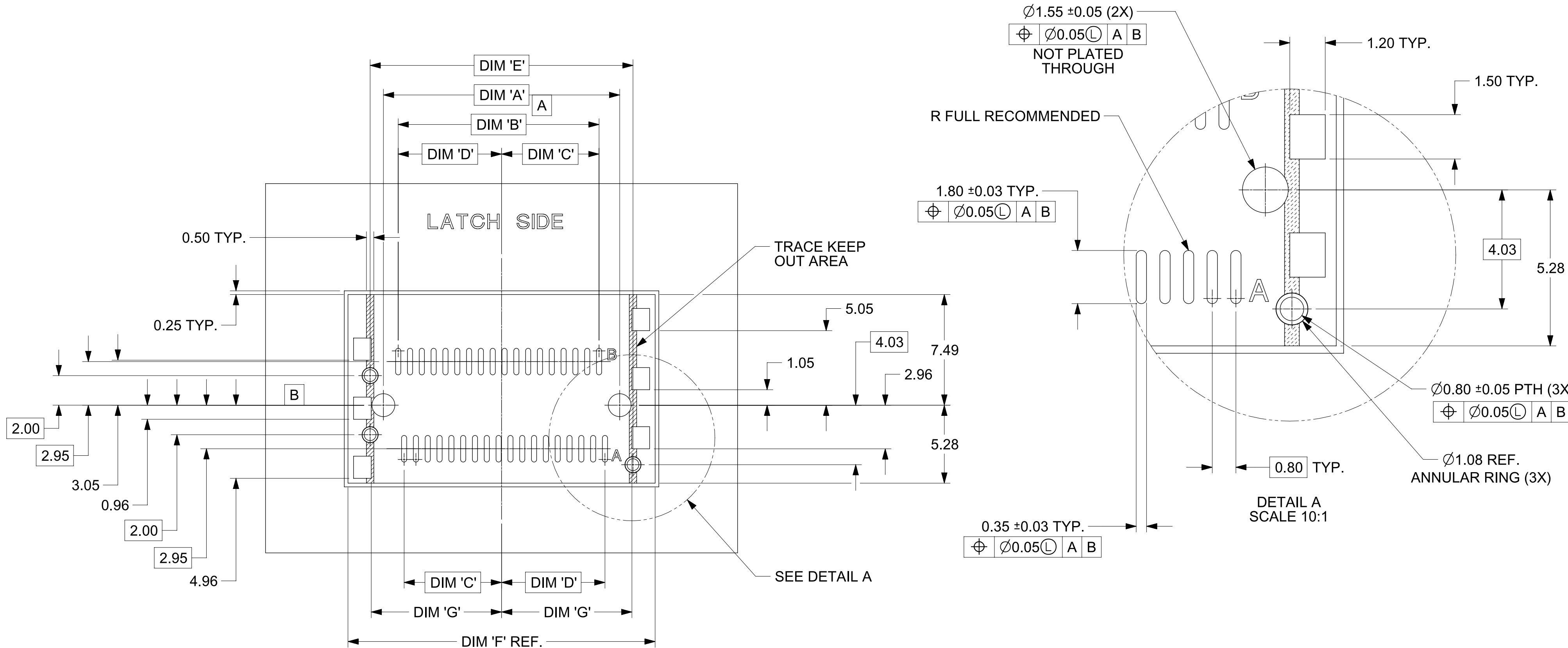


	PEG TO PEG	FIRST TO LAST PAD	CENTERLINE TO PAD	CENTERLINE TO PAD	SHELL PEG TO PEG	SHELL FOOTPRINT WIDTH
CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
36	16.00	13.60	6.60	7.00	17.80	19.80
50	21.60	19.20	9.40	9.80	23.40	25.40
68	28.80	26.40	13.00	13.40	30.60	32.60

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148							
mm	5:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 0.5°								
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.130								
1 PLACE	± 0.25								
0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
		C-SIZE	75784	SEE TABLE	GENERAL MARKET	8 OF 12			

VERTICAL CONNECTOR
WITH SMT SHELL
PCB FOOT PRINT



36 CIRCUIT SHOWN

	PEG TO PEG	FIRST TO LAST PAD	CENTERLINE TO PAD	CENTERLINE TO PAD	SHELL PEG TO PEG	SHELL FOOTPRINT WIDTH	CENTERLINE TO PAD EDGE
CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'
36	16.00	13.60	6.60	7.00	17.80	20.80	8.825
50	21.60	19.20	9.40	9.80	23.40	26.40	11.625
68	28.80	26.40	13.00	13.40	30.60	33.60	15.225

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DIMENSION UNITS	SCALE
mm	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148

STATUS: Production

DRWN: Vishal Ramesh Hosur

CHK'D: Ganesh Rao B

APPR: Gurunandan GA

2024-05-08

2024-05-20

2024-05-20

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

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I-PASS VERT CONNECTOR
INTERNAL ASSY W/SHELL 0.8MM PITCH I/O

PRODUCT SALES DRAWING

SD-75784-001

PSD

001

D9

SEE TABLE

GENERAL MARKET

9 OF 12

FORMAT: TC-000-000-000

REVISION: 0

DATE: 2024-05-20

12

11

10

9

8

7

6

5

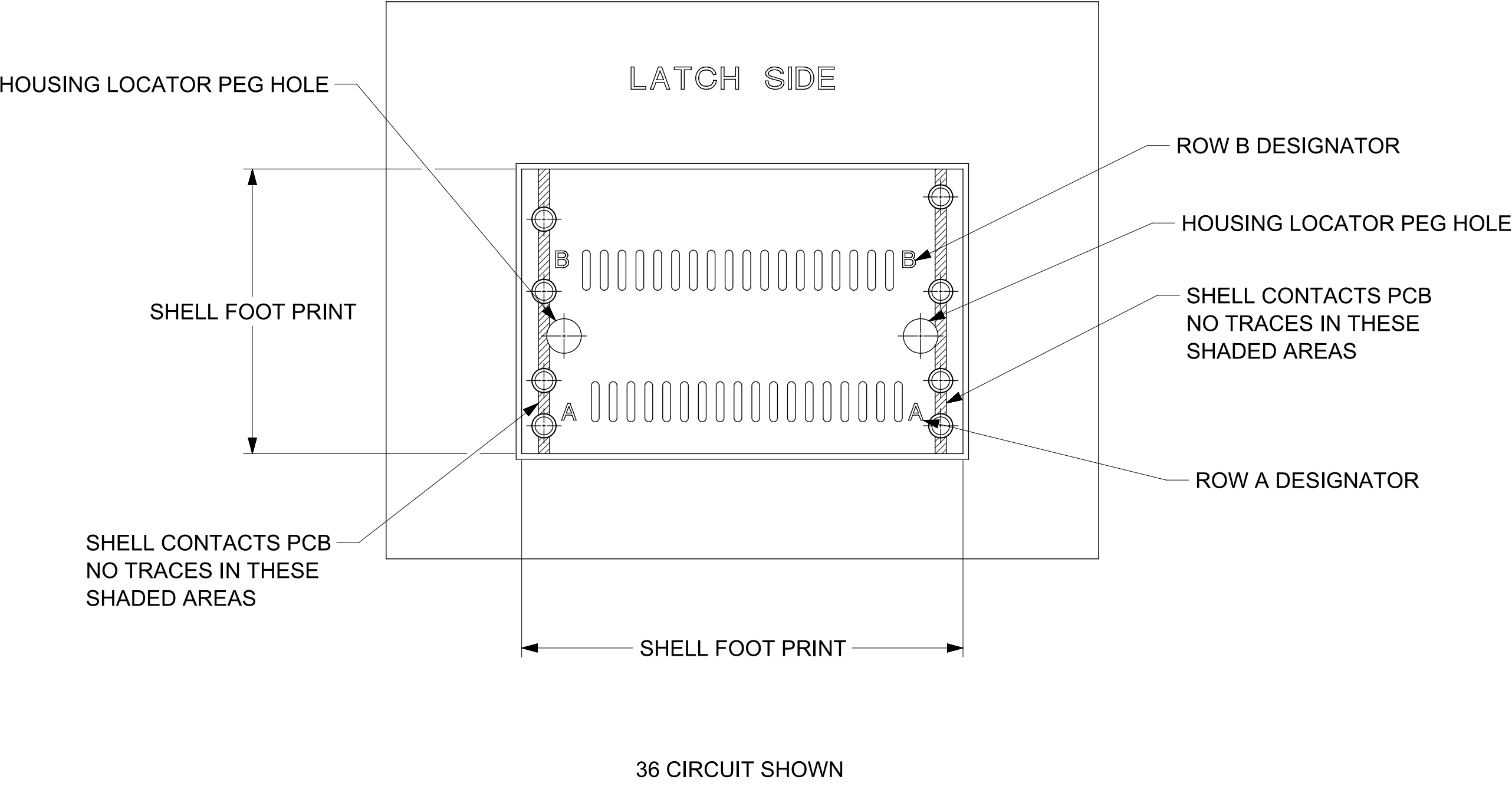
4

3

2

1

VERTICAL CONNECTOR WITH SHELL
PCB FOOT PRINT DESCRIPTIONS



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DIMENSION UNITS		SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148						
mm		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 0.5°							
4 PLACES		±	STATUS: Production DRWN: Vishal Ramesh Hosur 2024-05-08 CHK'D: Ganesh Rao B 2024-05-20 APPR: Gurunandan GA 2024-05-20						
3 PLACES		±							
2 PLACES		± 0.130							
1 PLACE		± 0.25							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			C-SIZE	75784	SEE TABLE	GENERAL MARKET	10 OF 12		

DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
SD-75784-001			PSD	001	D9

molex

I-PASS VERT CONNECTOR
INTERNAL ASSY W/SHELL 0.8MM PITCH I/O

PRODUCT SALES DRAWING

MATING INTERFACE (FOR REFERENCE ONLY)

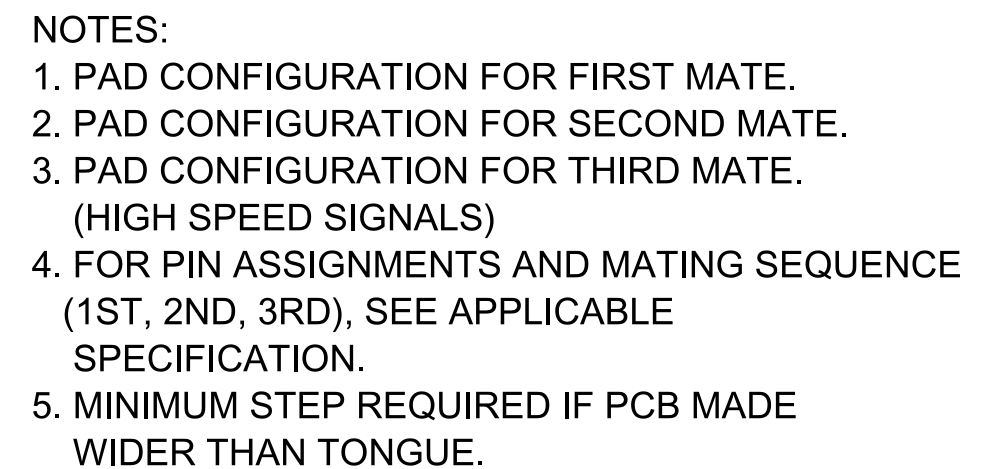
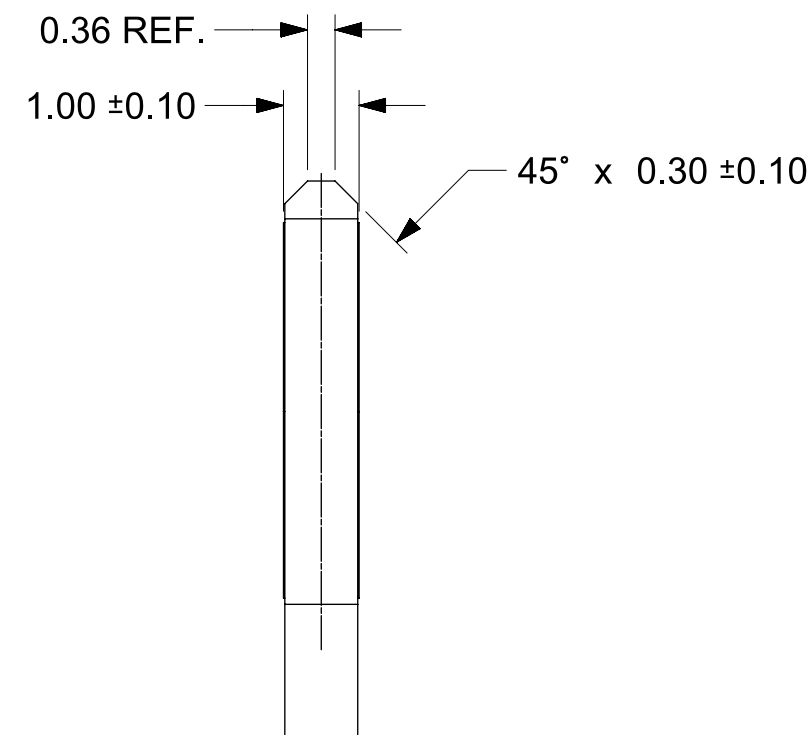
NOTES:

- PAD CONFIGURATION FOR FIRST MATE.
- PAD CONFIGURATION FOR SECOND MATE.
- PAD CONFIGURATION FOR THIRD MATE.
(HIGH SPEED SIGNALS)
- FOR PIN ASSIGNMENTS AND MATING SEQUENCE
(1ST, 2ND, 3RD), SEE APPLICABLE SPECIFICATION.
- MINIMUM STEP REQUIRED IF PCB MADE WIDER THAN TONGUE.

CIRCUIT SIZE	TERM/SIDE 'N'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'
36	18	13.60	6.60	7.00	15.60
50	25	19.20	9.40	9.80	21.20
68	34	26.40	13.00	13.40	28.40

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148					
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL				± 0.5°					
4 PLACES				±					
3 PLACES				±					
2 PLACES				± 0.130					
1 PLACE				± 0.25					
0 PLACES				±					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						C-SIZE		75784	
STATUS: Production				DRWN: Vishal Ramesh Hosur		2024-05-08		DOCUMENT NUMBER	
CHK'D: Ganesh Rao B				APPR: Gurunandan GA		2024-05-20		SD-75784-001	
MATERIAL NUMBER				CUSTOMER		DOC TYPE		DOC PART	
SEE TABLE				GENERAL MARKET		PSD		001	
SHEET NUMBER				11 OF 12		REVISION		D9	



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DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS 75784-0110, 75784-0112, 75784-0125, 75784-0147 & 75784-0148			molex				
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 0.5°							I-PASS VERT CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O				
4 PLACES		±									
3 PLACES		±									
2 PLACES		± 0.130		STATUS: Production DRWN: Vishal Ramesh Hosur 2024-05-08 CHK'D: Ganesh Rao B 2024-05-20 APPR: Gurunandan GA 2024-05-20			PRODUCT SALES DRAWING				
1 PLACE		± 0.25					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±					SD-75784-001		PSD	001	D9
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING C-SIZE				SERIES 75784	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	

molex

PRODUCT SALES DRAWING

DOC TYPE	DOC PART	REVISION
PSD	001	D9

MATERIAL NUMBER	CUSTOMER
SEE TABLE	GENERAL MARKET

12	11	10	9	8	7	6	5	4	3	2	1
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