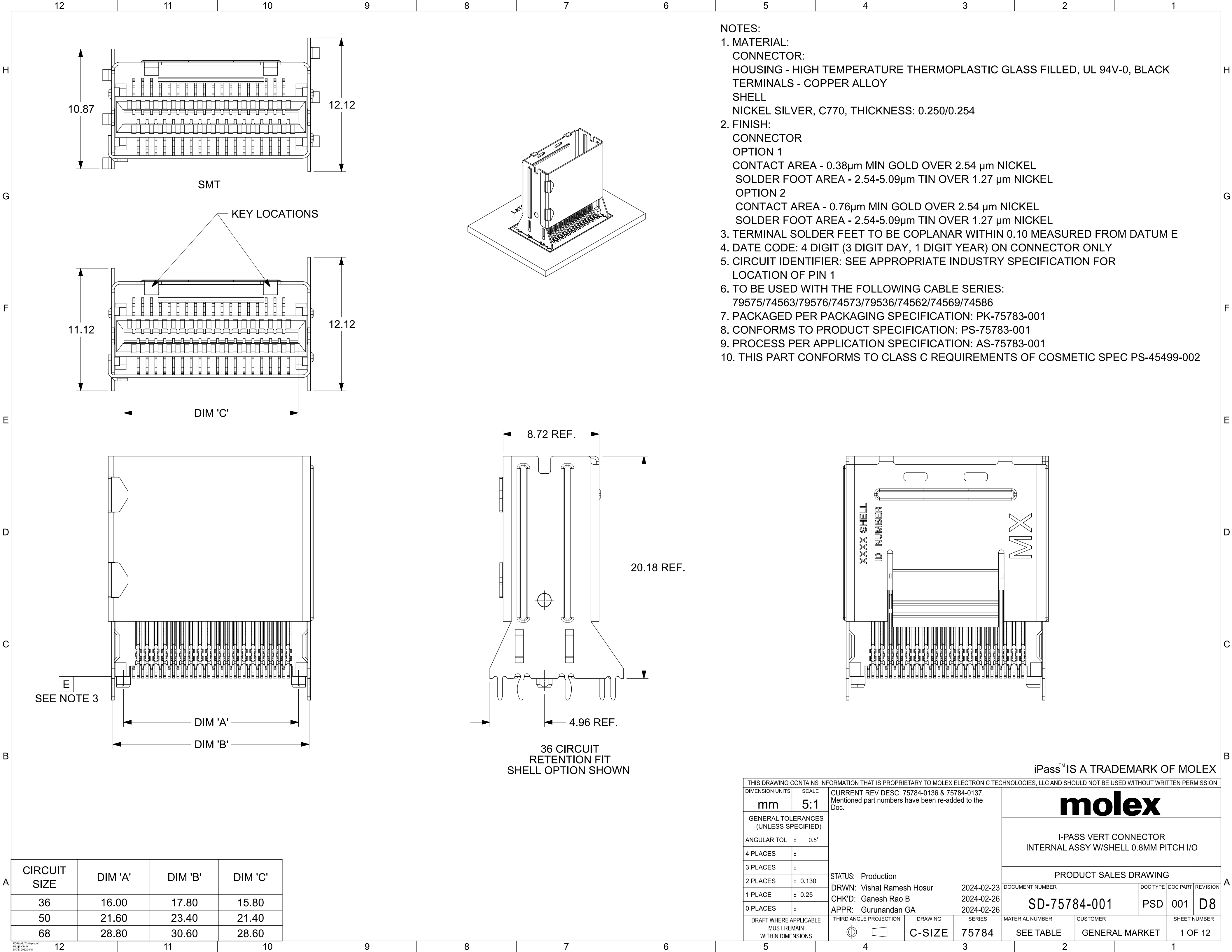
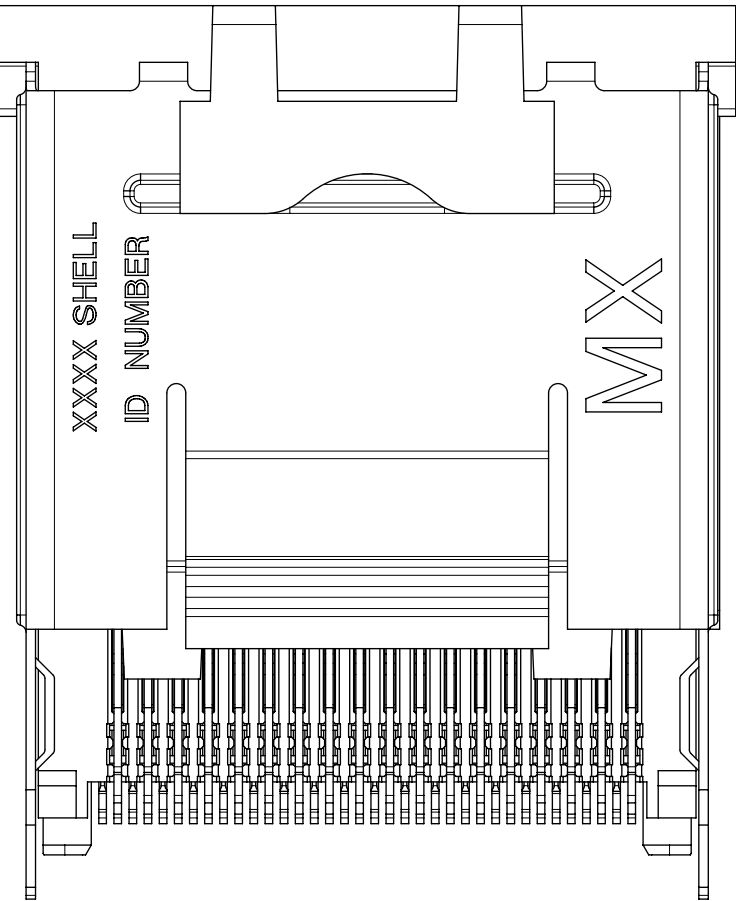
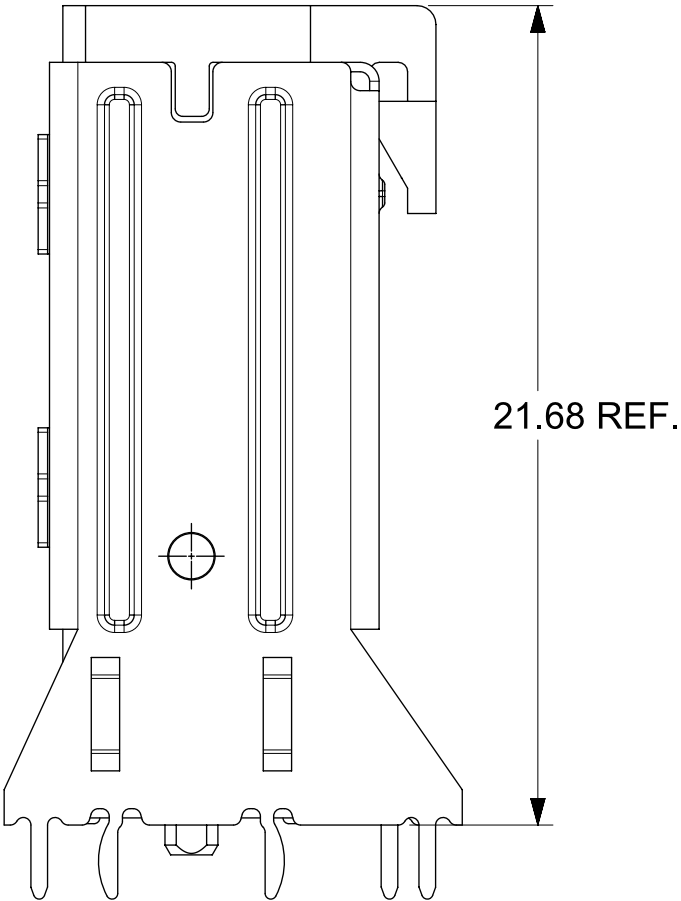
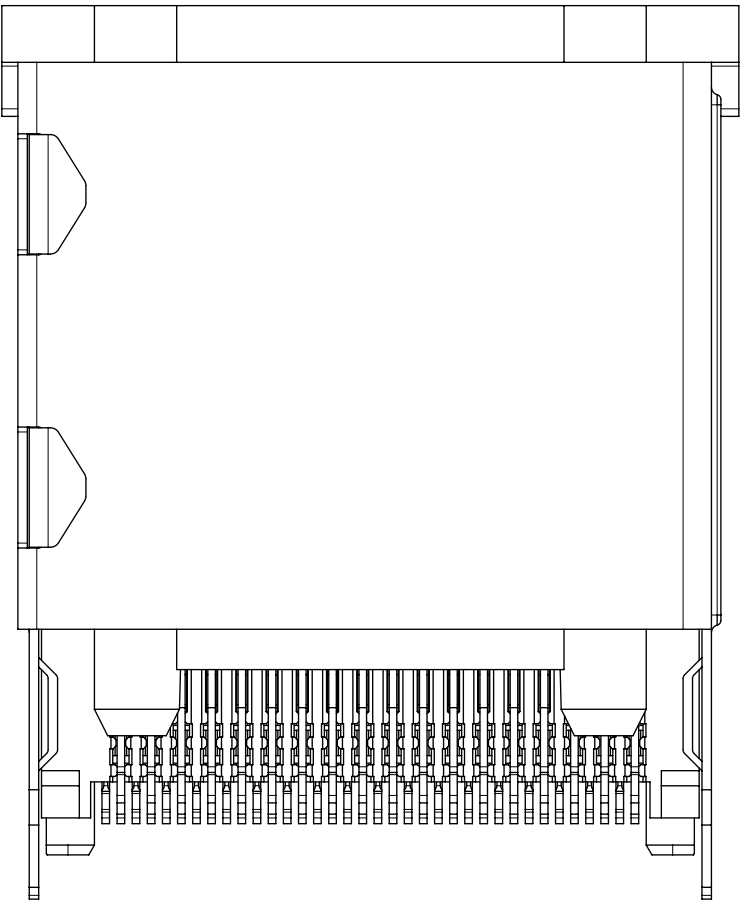
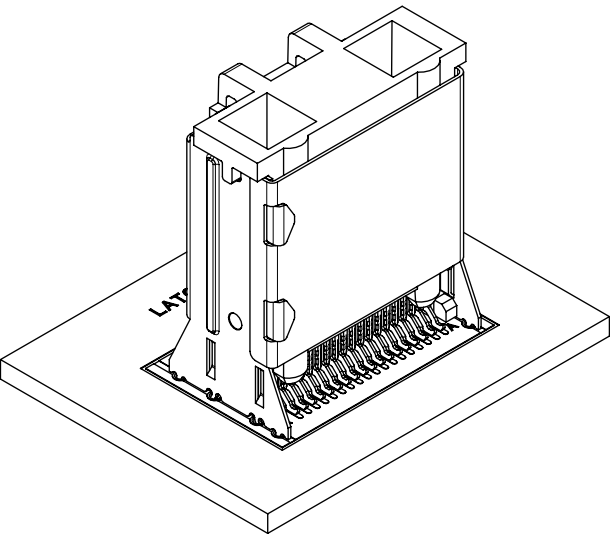
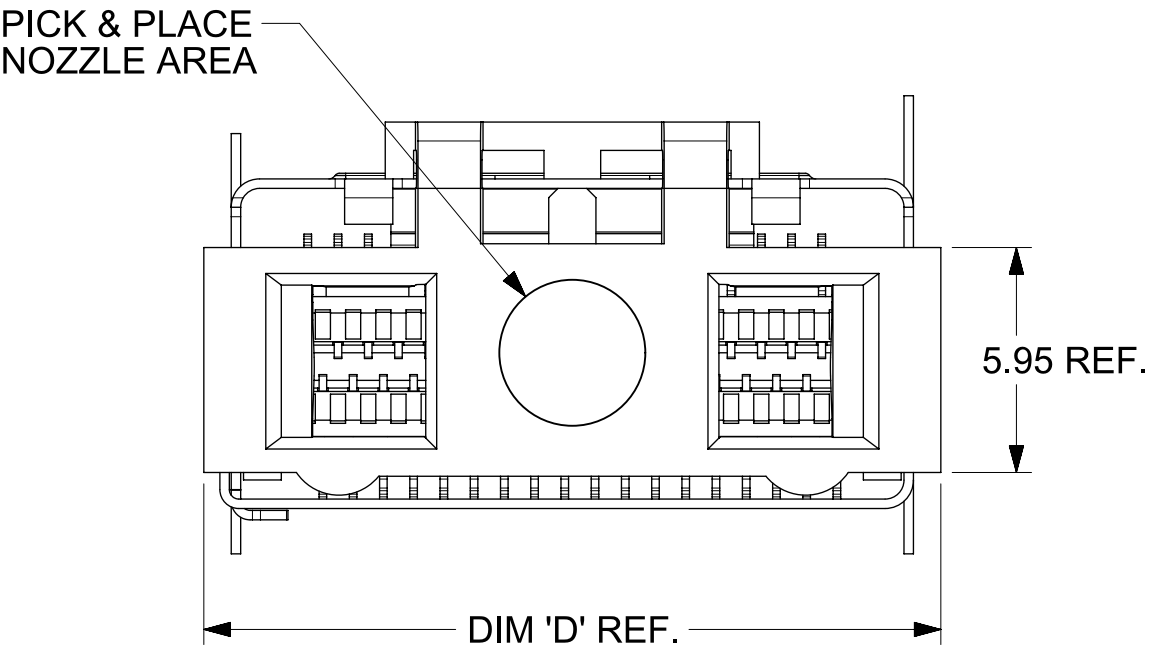




ASSEMBLY WITH PRE-POSITIONING DEVICE



36 CIRCUIT RETENTION FIT SHOWN

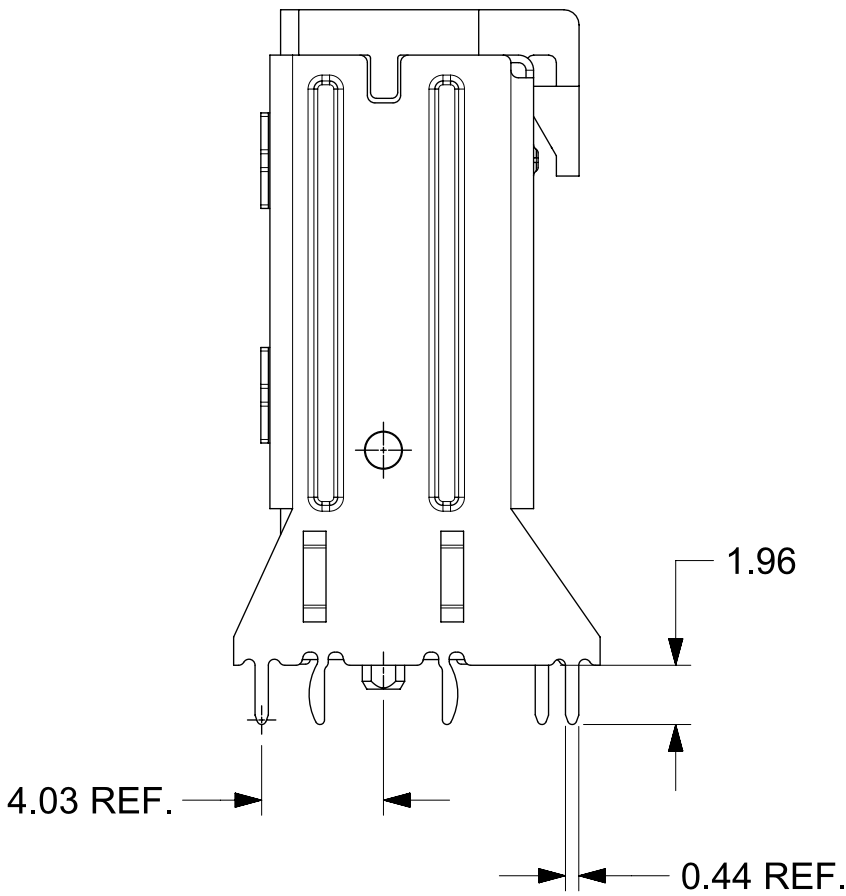
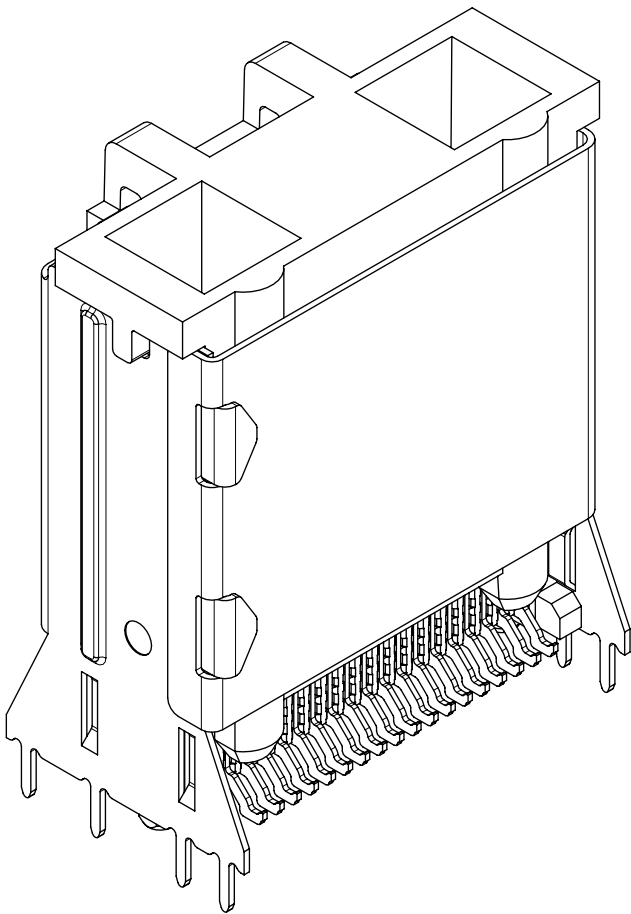
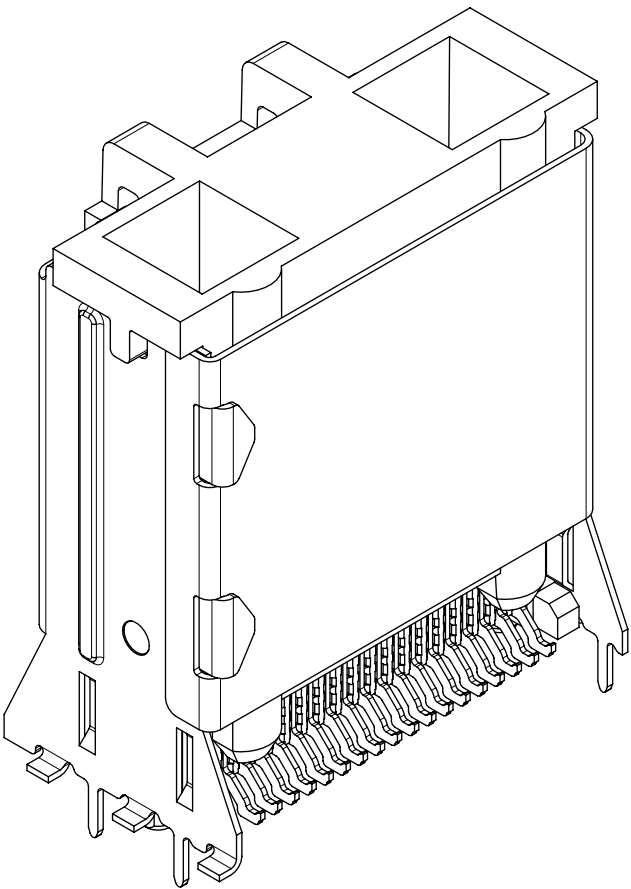
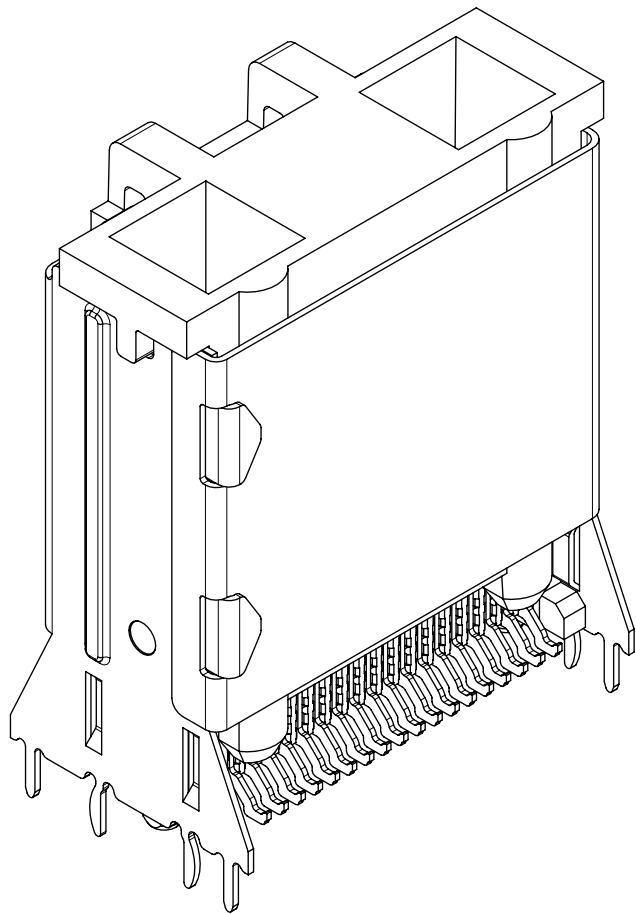
- NOTES:
- PICK AND PLACE LOCATION DEFINED ON APPLICATION SPECIFICATION AS-75783-001
 - PACKAGING CONSISTS OF CONNECTOR AND SHELL WITH A PRE-POSITIONING PICK AND PLACE DEVICE THAT ARE PACKAGED IN "TAPE AND REEL" FOR ROBOTIC PICK AND PLACE.

iPass™ IS A TRADEMARK OF MOLEX

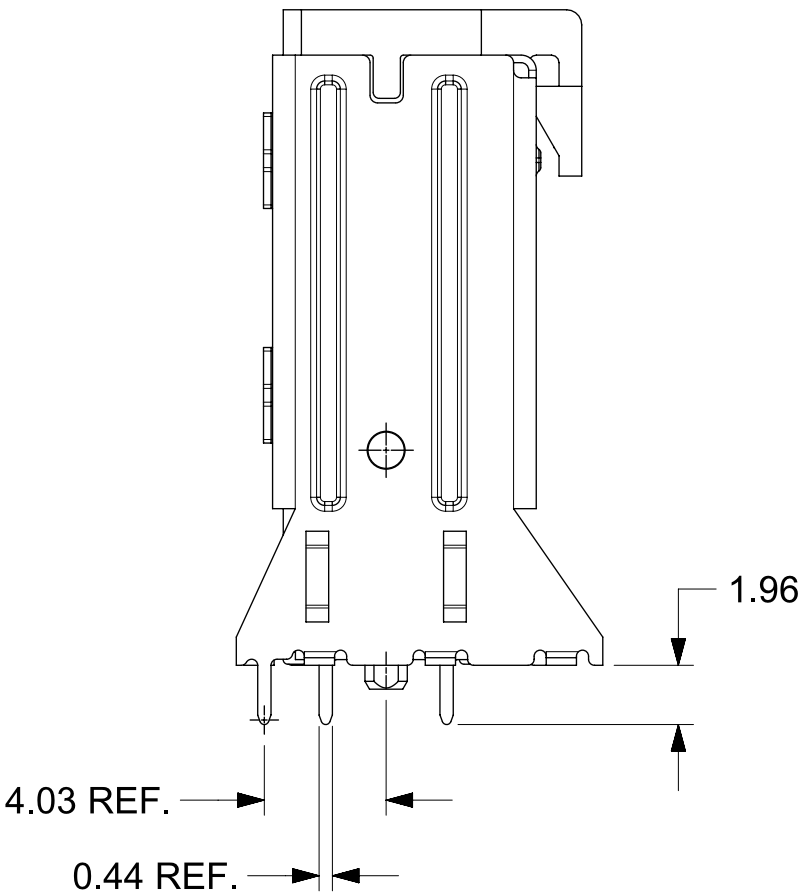
CIRCUIT SIZE	DIM 'D'
36	19.50
50	25.10
68	32.30

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc.				molex I-PASS VERT CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O PRODUCT SALES DRAWING					
mm		5:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		±	0.5°	STATUS: Production DRWN: Vishal Ramesh Hosur2024-02-23 CHK'D: Ganesh Rao B2024-02-26 APPR: Gurunandan GA2024-02-26				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
4 PLACES		±						SD-75784-001		PSD	001	D8	
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		SEE TABLE		GENERAL MARKET		2 OF 12	

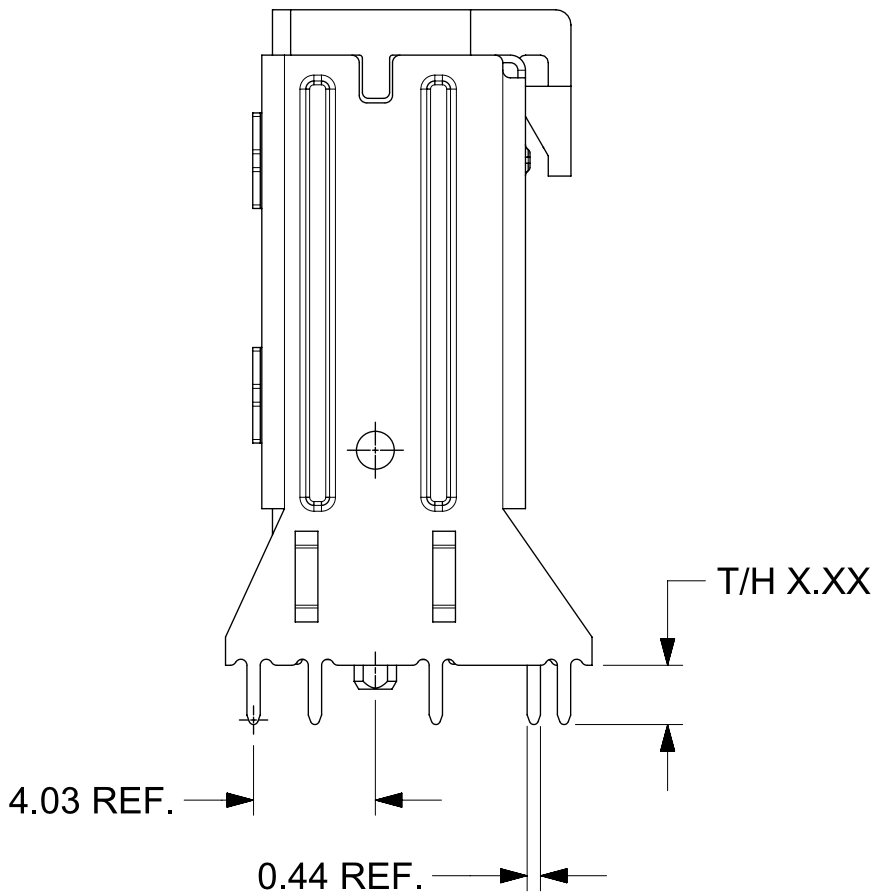
SHELL PCB INTERFACE



RETENTION-FIT
SHELL OPTION



SMT SHELL OPTION



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

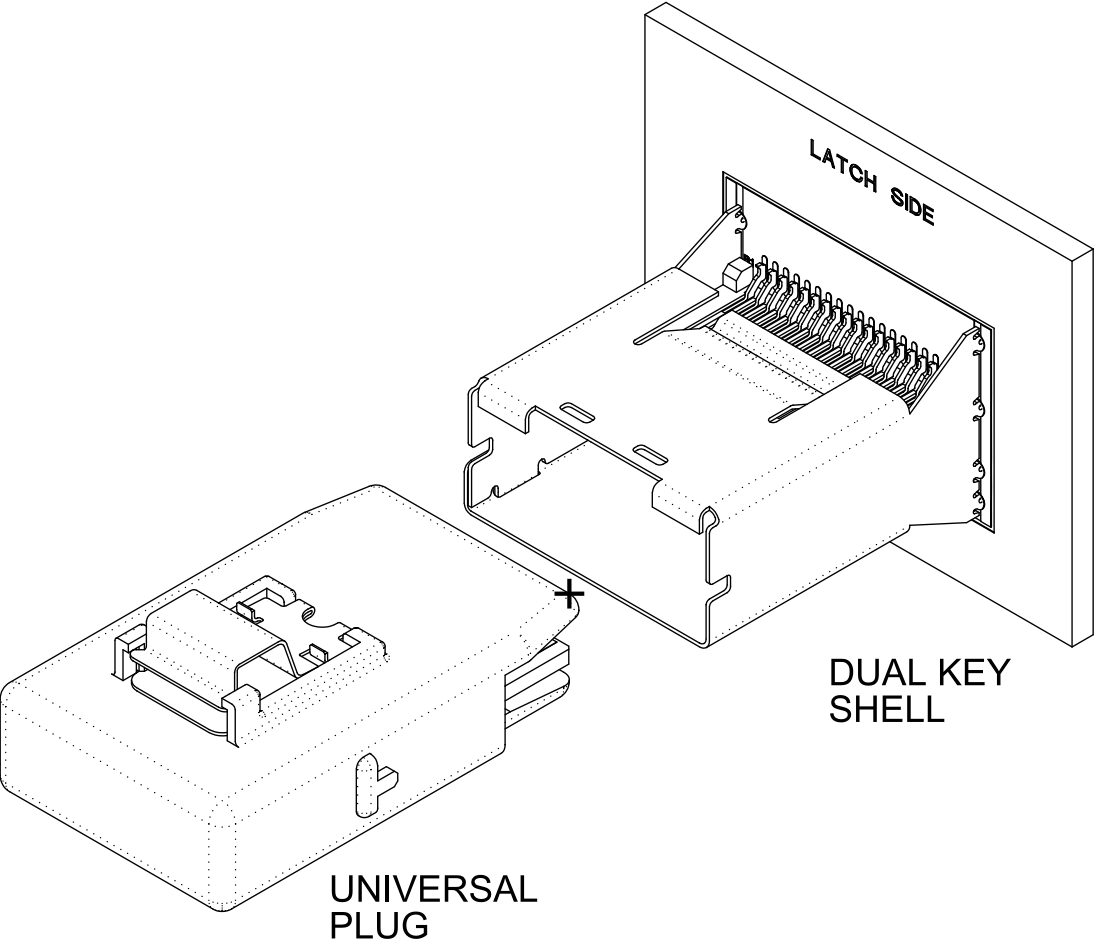
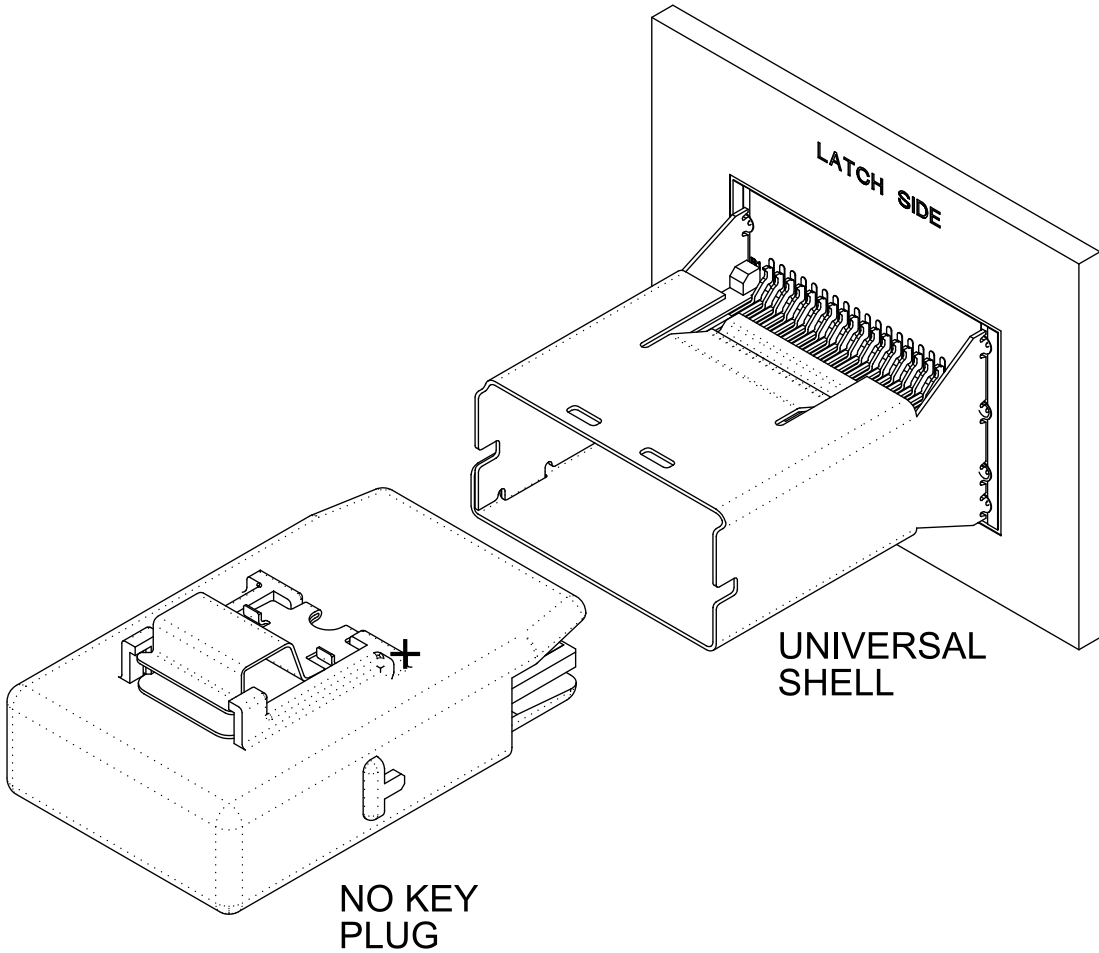
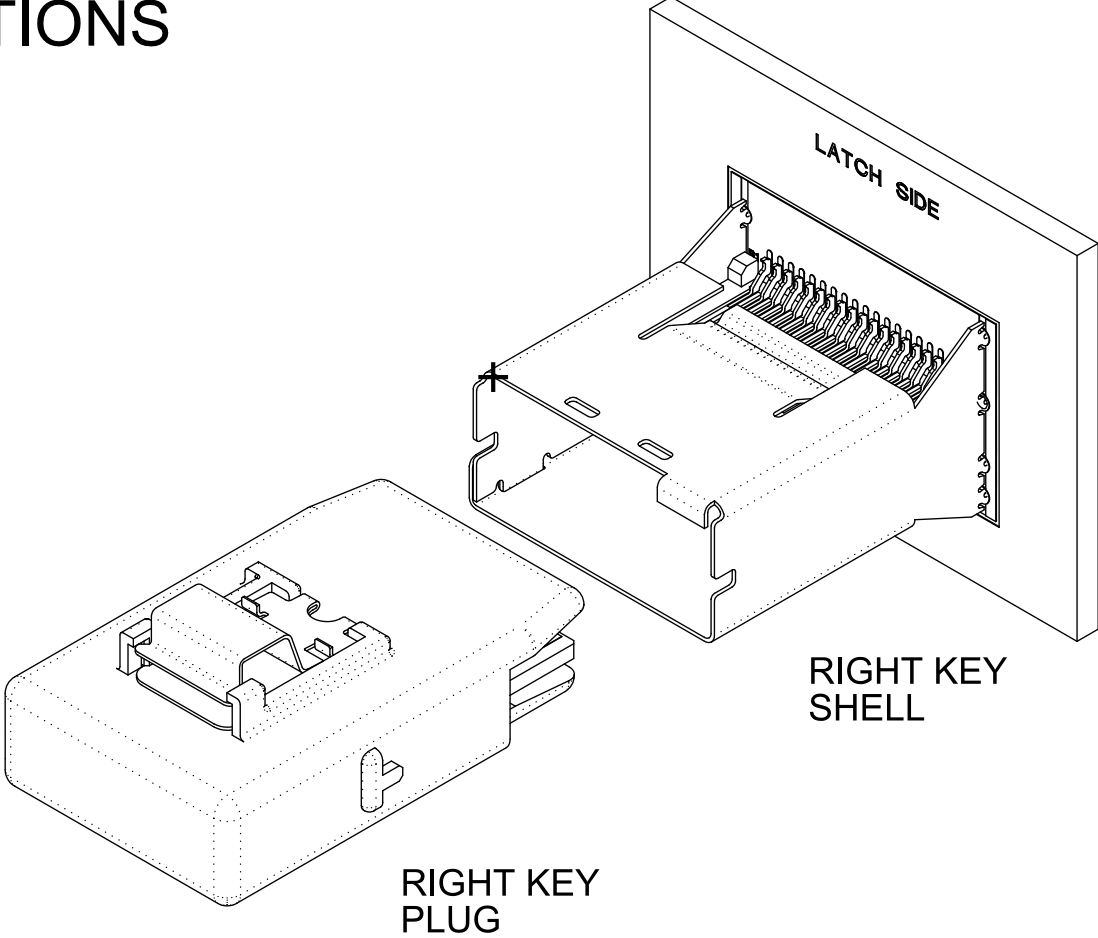
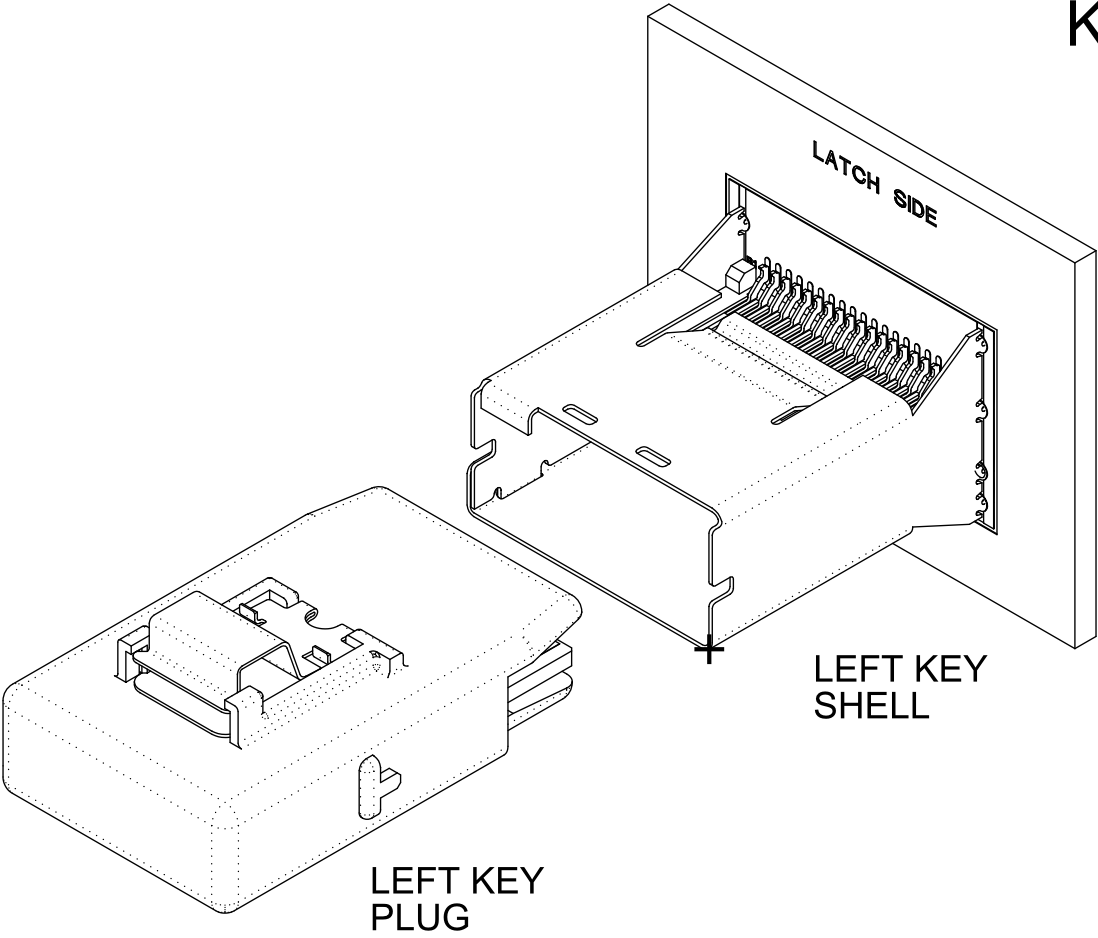
RECOMMENDED PCB THICKNESS FOR SPECIFIED TAIL LENGTH	
TAIL LENGTH	PCB THICKNESS
1.96	1.57 (.062)
2.79	2.36 (.093)
3.18	2.79 (.110)
3.56	3.18 (.125)

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

iPass™ IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS mm		SCALE 4:1		CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc. STATUS: Production DRWN: Vishal Ramesh Hosur 2024-02-23 CHK'D: Ganesh Rao B 2024-02-26 APPR: Gurunandan GA 2024-02-26						molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 0.5°		4 PLACES ±								I-PASS VERT CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O			
3 PLACES ±		2 PLACES ± 0.130								PRODUCT SALES DRAWING			
1 PLACE ± 0.25		0 PLACES ±		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 75784		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET			
								SD-75784-001		PSD 001 D8			
								SHEET NUMBER 3 OF 12					

KEYING OPTIONS



	UNIVERSAL SHELL	LEFT KEY SHELL	RIGHT KEY SHELL	DUAL KEY SHELL
NO KEY PLUG	YES	NO	NO	NO
LEFT KEY PLUG	YES	YES	NO	NO
RIGHT KEY PLUG	YES	NO	YES	NO
UNIVERSAL PLUG	YES	YES	YES	YES

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc.							
mm	2:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 0.5°								
4 PLACES	±	STATUS: Production DRWN: Vishal Ramesh Hosur CHK'D: Ganesh Rao B APPR: Gurunandan GA	2024-02-23 2024-02-26 2024-02-26	DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
3 PLACES	±			SD-75784-001			PSD	001	D8
2 PLACES	± 0.130								
1 PLACE	± 0.25								
0 PLACES	±			MATERIAL NUMBER			CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SEE TABLE	GENERAL MARKET		4 OF 12	

iPass™ IS A TRADEMARK OF MOLEX

molex

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

PRODUCT SALES DRAWING

50 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
50	75784-0244	OPTION 2	T/H 2.79	UNIVERSAL

iPass™ IS A TRADEMARK OF MOLEX

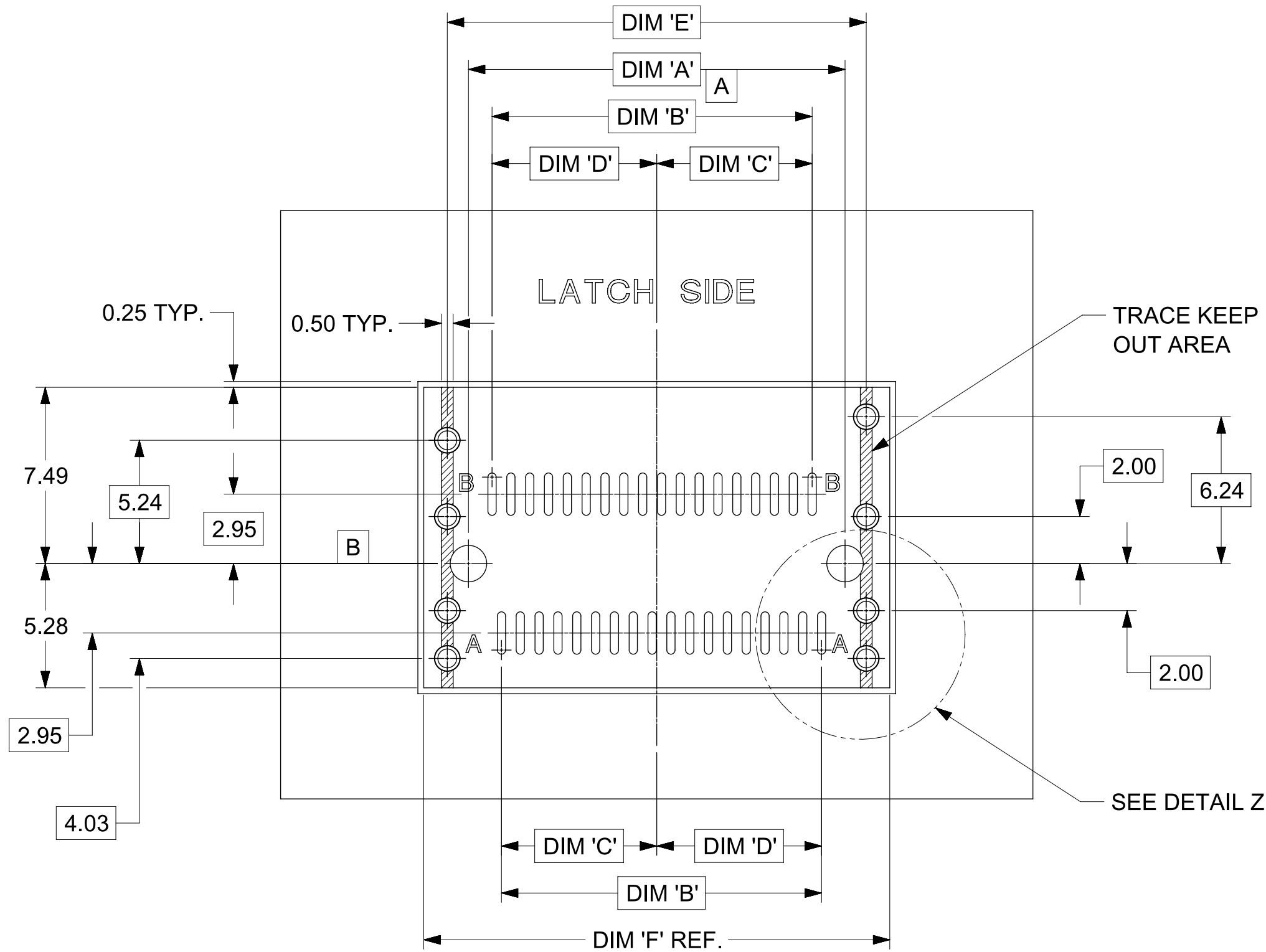
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc.				molex	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5°									
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.130							
1 PLACE		± 0.25							
0 PLACES		±							
STATUS: Production DRWN: Vishal Ramesh Hosur									

molex

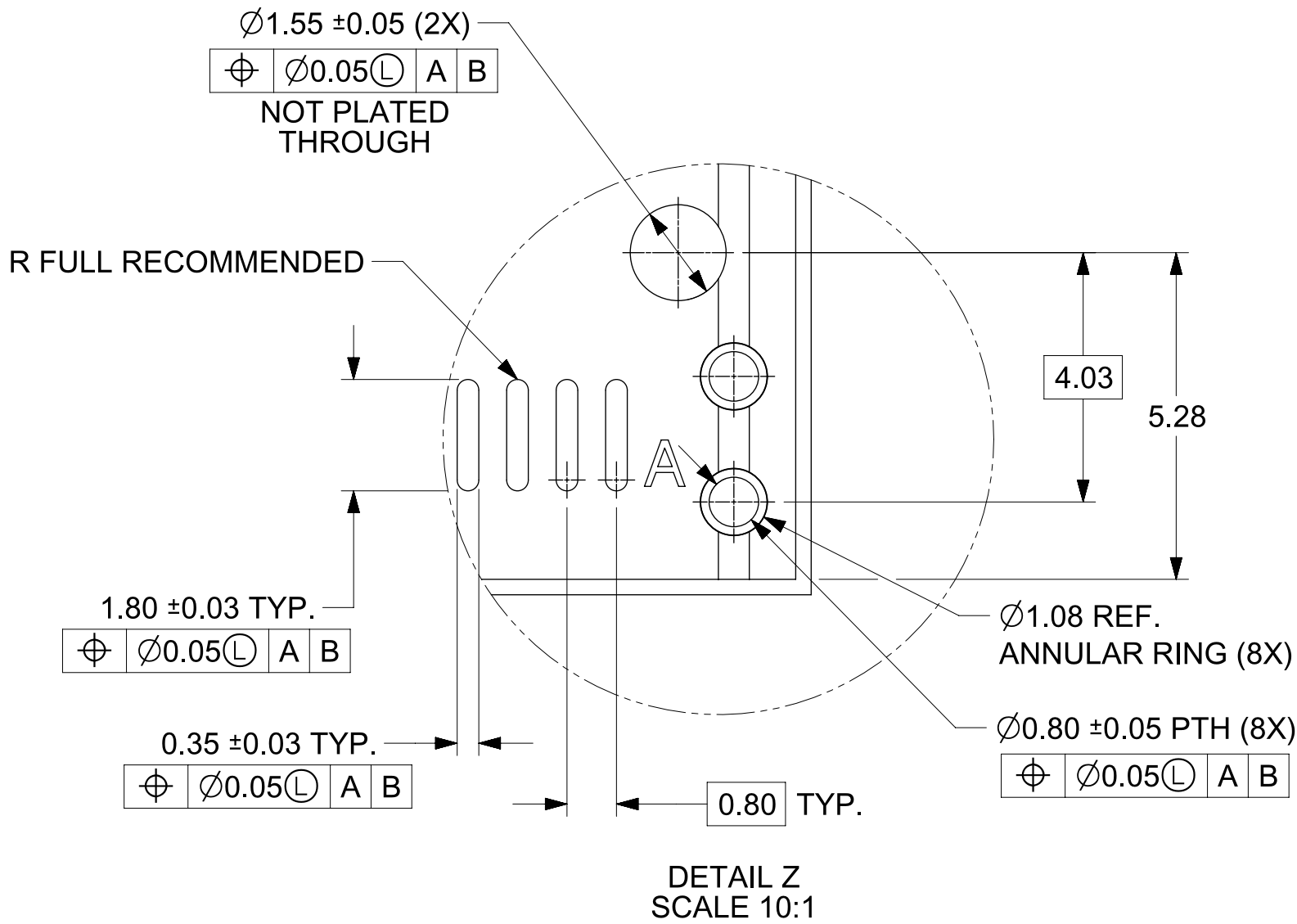
I-PASS VERT CONNECTOR
INTERNAL ASSY W/SHELL 0.8MM PITCH I/O

PRODUCT SALES DRAWING

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



36 CIRCUIT SHOWN

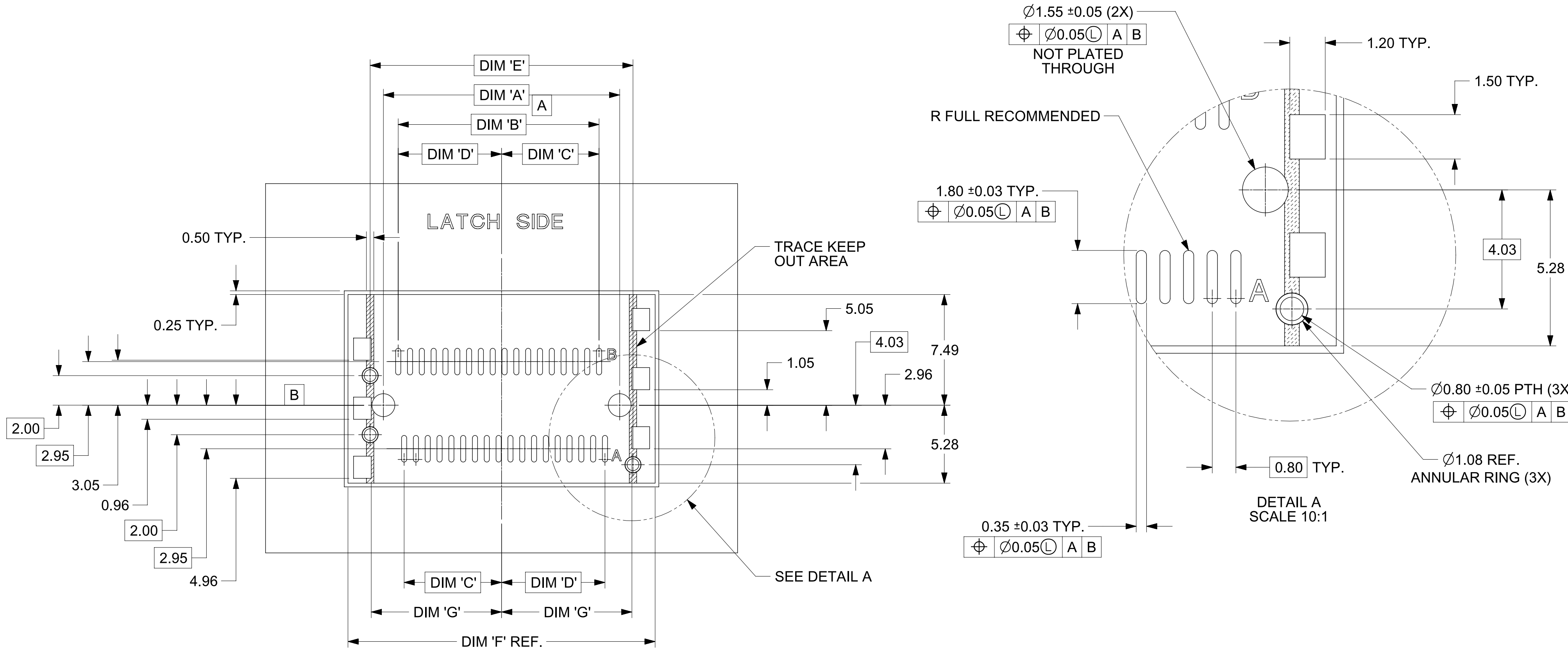


	PEG TO PEG	FIRST TO LAST PAD	CENTERLINE TO PAD	CENTERLINE TO PAD	SHELL PEG TO PEG	SHELL FOOTPRINT WIDTH
CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
36	16.00	13.60	6.60	7.00	17.80	19.80
50	21.60	19.20	9.40	9.80	23.40	25.40
68	28.80	26.40	13.00	13.40	30.60	32.60

iPass™ IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc.							
mm	5:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Production DRWN: Vishal Ramesh Hosur CHK'D: Ganesh Rao B APPR: Gurunandan GA 2024-02-23 2024-02-26 2024-02-26							
ANGULAR TOL	± 0.5°								
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.130								
1 PLACE	± 0.25	DOCUMENT NUMBER SD-75784-001 DOC TYPE PSD DOC PART 001 REVISION D8							
0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING C-SIZE	SERIES 75784	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 8 OF 12			

VERTICAL CONNECTOR
WITH SMT SHELL
PCB FOOT PRINT



	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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc.					
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	9 OF 12

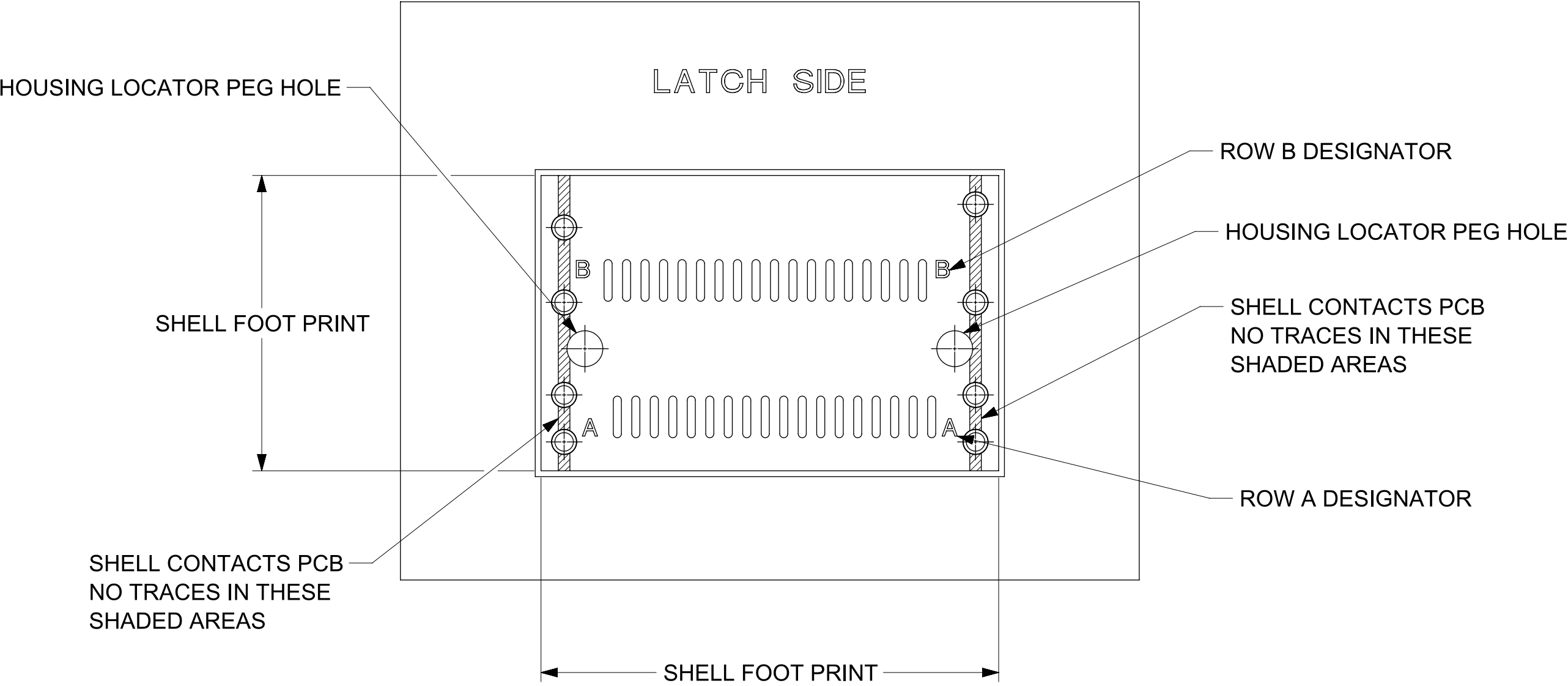
iPass™ IS A TRADEMARK OF MOLEX

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	D8

VERTICAL CONNECTOR WITH SHELL
PCB FOOT PRINT DESCRIPTIONS



iPass™ IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS		SCALE		CURRENT REV DESC: 75784-0136 & 75784-0137, Mentioned part numbers have been re-added to the Doc.				molex I-PASS VERT CONNECTOR INTERNAL ASSY W/SHELL 0.8MM PITCH I/O PRODUCT SALES DRAWING									
mm		5:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		± 0.5°						DOCUMENT NUMBER SD-75784-001 DOC TYPE PSD DOC PART 001 REVISION D8									
4 PLACES		±															
3 PLACES		±															
2 PLACES		± 0.130															
1 PLACE		± 0.25															
0 PLACES		±		STATUS: Production DRWN: Vishal Ramesh Hosur 2024-02-23 CHK'D: Ganesh Rao B 2024-02-26 APPR: Gurunandan GA 2024-02-26													
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	

