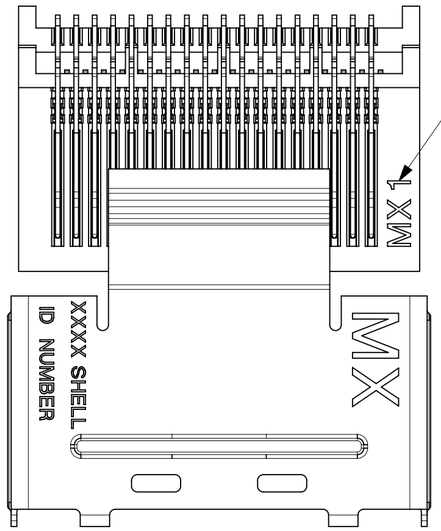
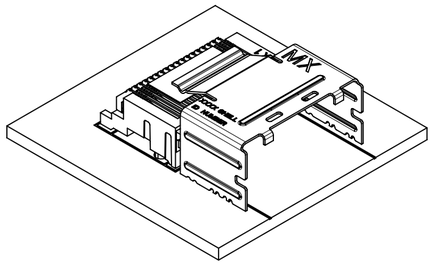
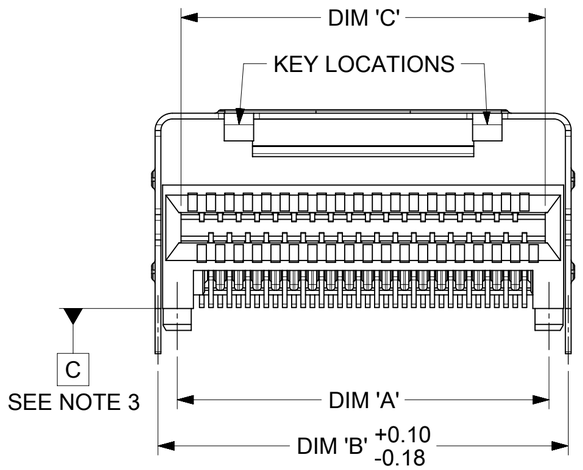
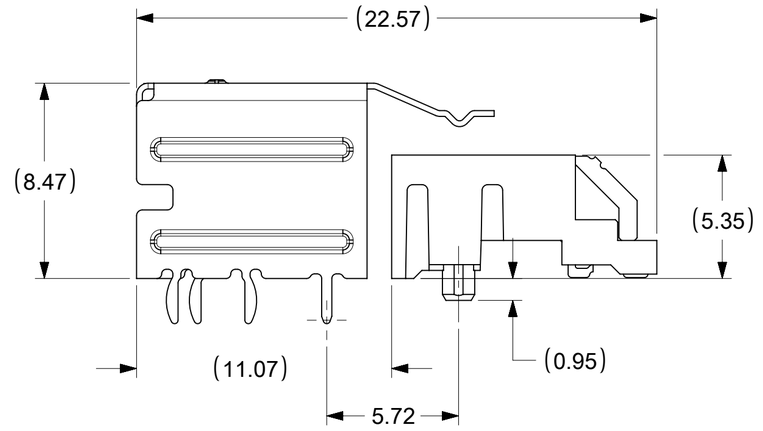




NOTES:
1. MATERIAL:
   CONNECTOR:
   HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0, BLACK
   TERMINALS - COPPER ALLOY
   SHELL
   SILVER NICKEL, C770, THICKNESS: 0.250/0.254
2. FINISH:
   CONNECTOR
   OPTION 1
   CONTACT AREA - 0.38µm MIN GOLD OVER 2.54 µm NICKEL
   SOLDER FOOT AREA - 2.54-5.09µm TIN OVER 1.27 µm NICKEL
   OPTION 2
   CONTACT AREA - 0.76µm MIN GOLD OVER 2.54 µm NICKEL
   SOLDER FOOT AREA - 2.54-5.09µm TIN OVER 1.27 µm NICKEL
3. TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.10 MEASURED FROM FRONT HOUSING STAND OFF (DATUM C)
4. DATE CODE: 4 DIGIT (3 DIGIT DAY, 1 DIGIT YEAR) CONNECTOR ONLY
5. CIRCUIT IDENTIFIER: SEE APPROPRIATE INDUSTRY SPECIFICATION FOR LOCATION OF PIN 1.
6. TO BE USED WITH THE FOLLOWING CABLE SERIES:
   79575/74563/79576/74573/79536/74562/74586
7. PACKAGED PER PACKAGING SPECIFICATION: PK-75783-001
8. CONFORMS TO PRODUCT SPECIFICATION: PS-75783-001
9. PROCESS PER APPLICATION SPECIFICATION: AS-75783-001
10. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPEC PS-45499-002





36 CIRCUIT
RETENTION FIT
SHELL OPTION SHOWN

CIRCUIT SIZE	DIM 'A'	DIM 'B'	DIM 'C'
36	16.00	17.80	15.80
50	21.60	23.40	21.40
68	28.80	30.60	28.60

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

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035
DRWN: ANIKES1 2023/03/30
CHK'D: GGA 2023/06/29
APPR: GGA 2023/06/29

INITIAL REVISION:
DRWN: KLANG 2005/04/15
APPR: RNELSON 2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

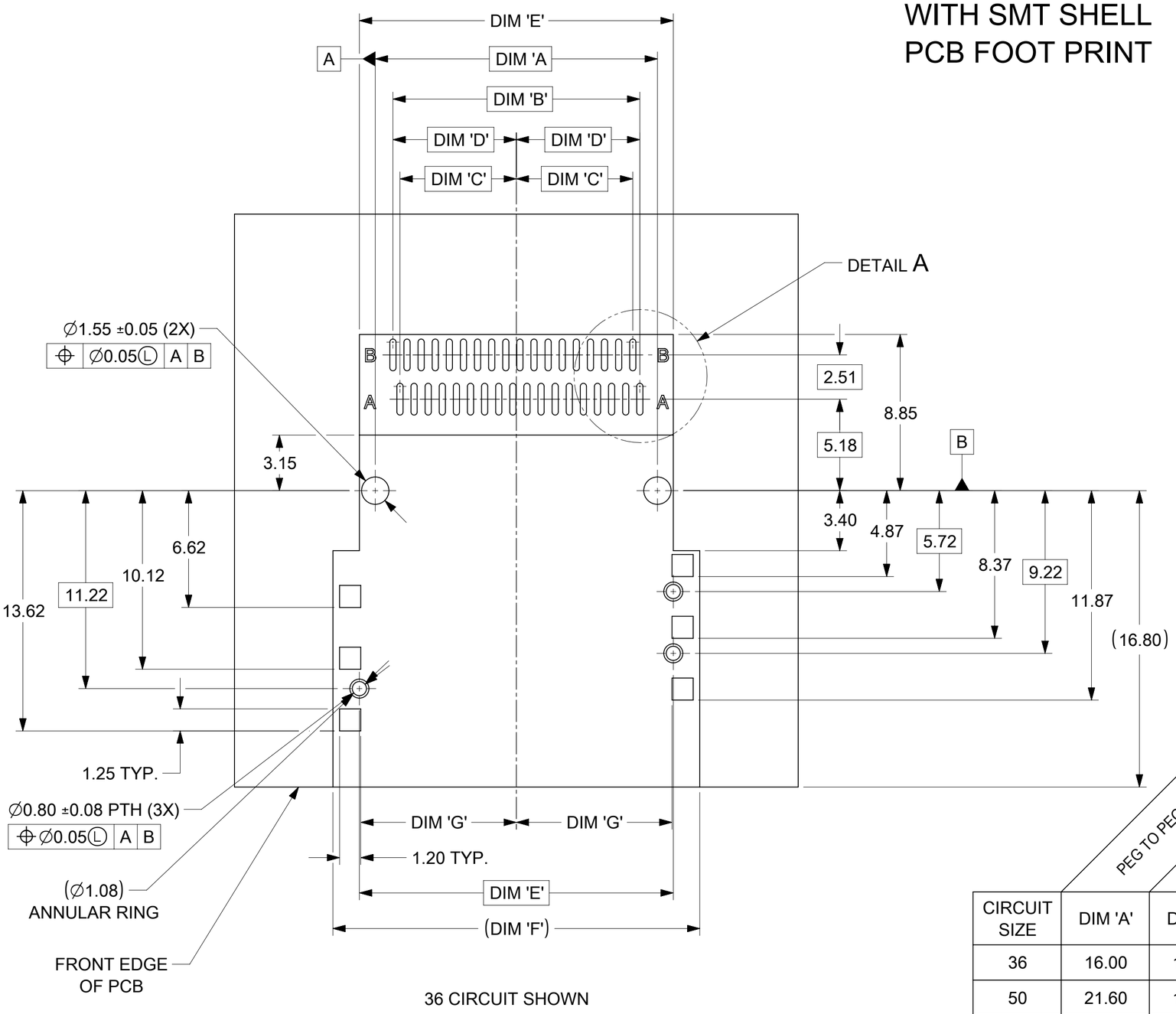
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 12

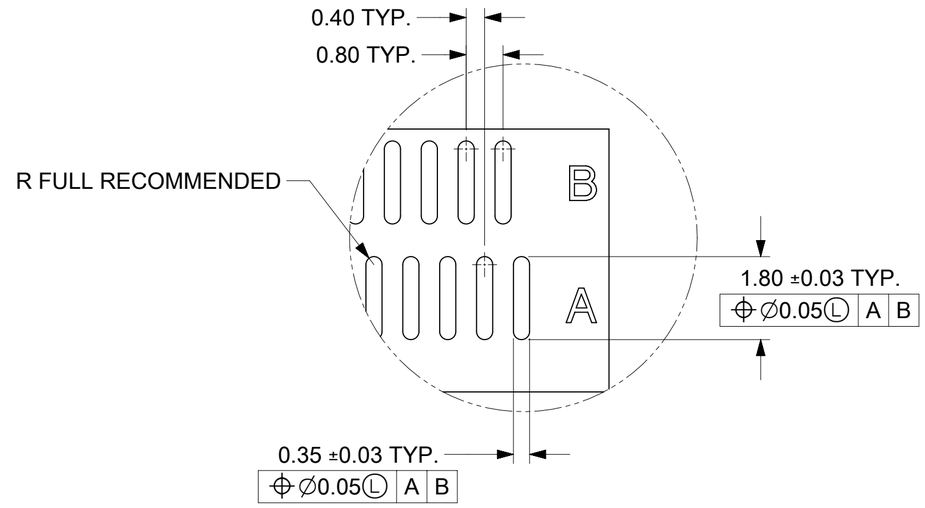
DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

RIGHT ANGLE CONNECTOR
WITH SMT SHELL
PCB FOOT PRINT



36 CIRCUIT SHOWN



DETAIL A
SCALE 10:1

CIRCUIT SIZE	DIM 'A' PEG TO PEG	DIM 'B' FIRST PAD TO LAST PAD	DIM 'C' CENTERLINE TO PAD	DIM 'D' CENTERLINE TO PAD	DIM 'E' CONNECTOR WIDTH SHELL PEG TO PEG	DIM 'F' SHELL FOOTPRINT WIDTH	DIM 'G' CENTERLINE TO PAD EDGE
36	16.00	14.00	6.60	7.00	17.80	20.80	8.825
50	21.60	19.60	9.40	9.80	23.40	26.40	11.625
68	28.80	26.80	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	mm
SCALE	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29
INITIAL REVISION:		
DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

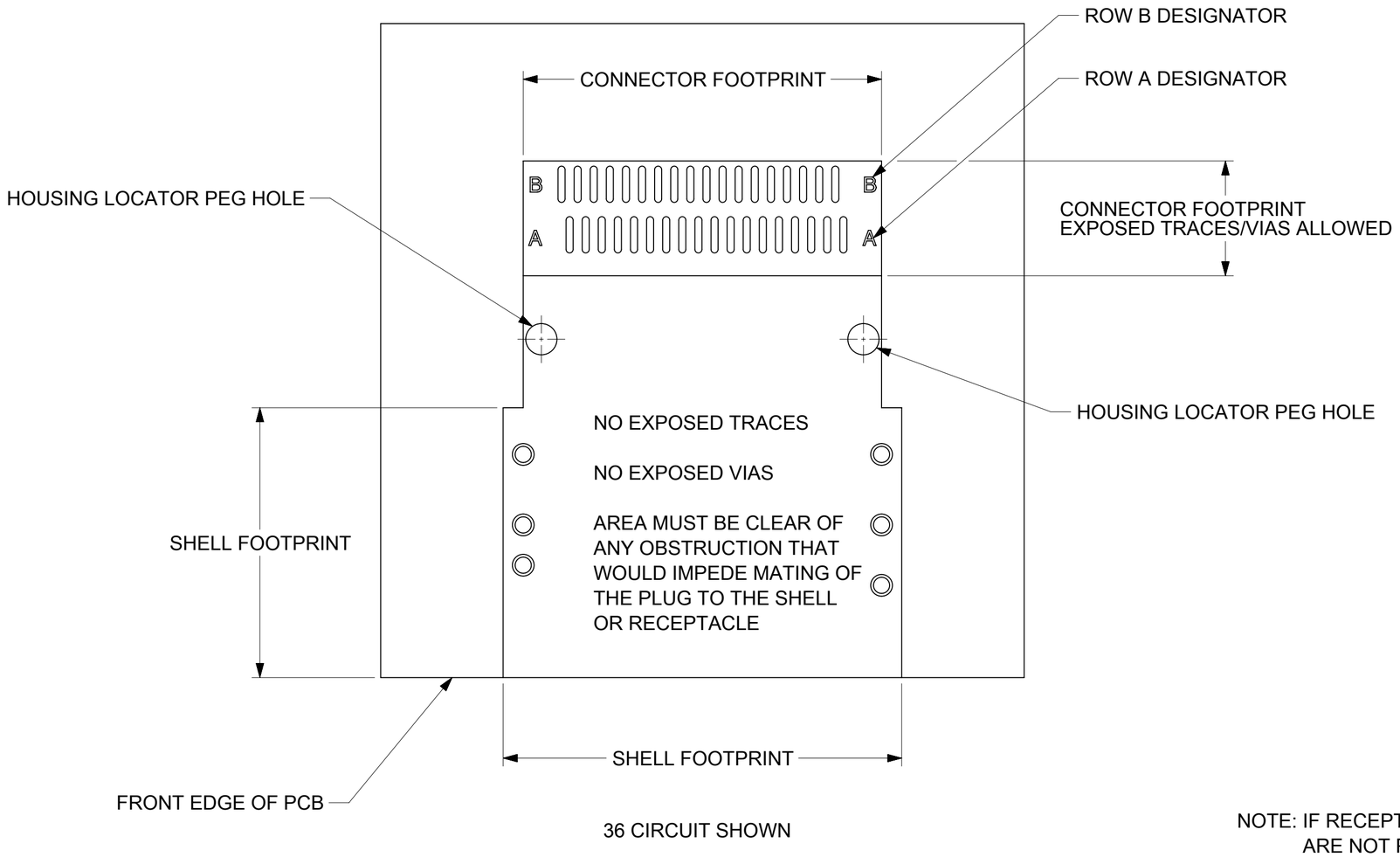
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

RIGHT ANGLE CONNECTOR WITH SHELL
PCB FOOT PRINT DESCRIPTIONS



36 CIRCUIT SHOWN

NOTE: IF RECEPTACLE AND SHELL
ARE NOT PLACED AT EDGE
OF PCB AS SHOWN, ADDITIONAL
CLEARANCE IS NEEDED FOR
BODY OF PLUG AND CABLE

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

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION	DRAWING	SERIES
	C-SIZE	75783

molex

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

PRODUCT CUSTOMER DRAWING

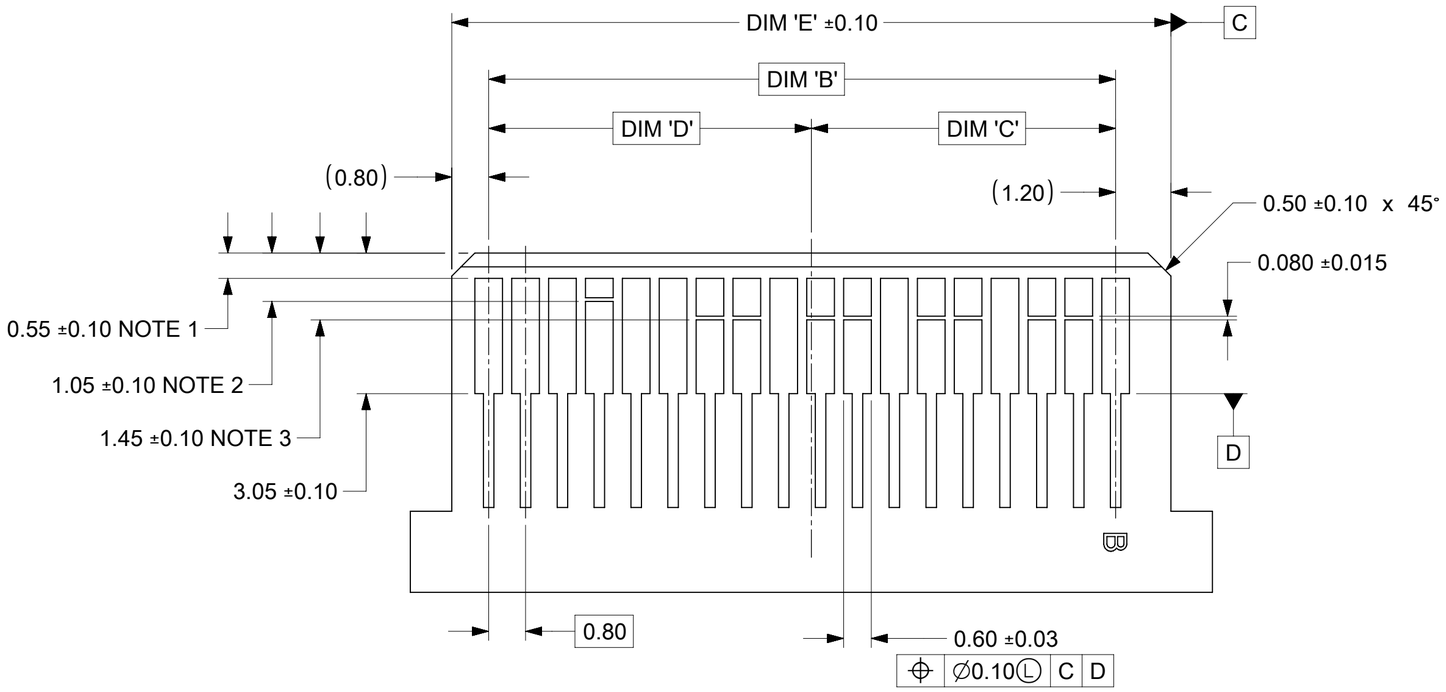
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

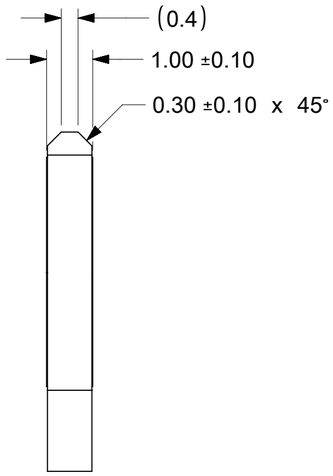
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

MATING INTERFACE (FOR REFERENCE ONLY)





36 CIRCUIT SHOWN

CIRCUIT SIZE	DIM 'A'	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

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

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

DIMENSION UNITS	mm
SCALE	10:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION	DRAWING	SERIES
⌖	C-SIZE	75783

molex

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

PRODUCT CUSTOMER DRAWING

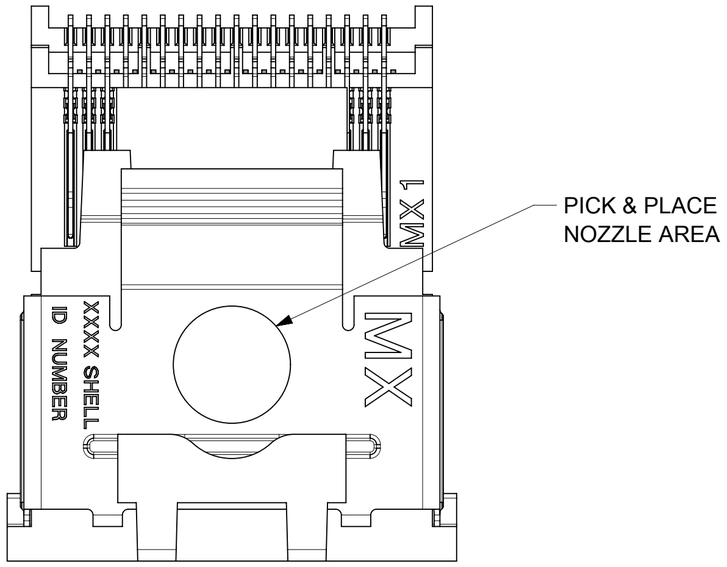
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

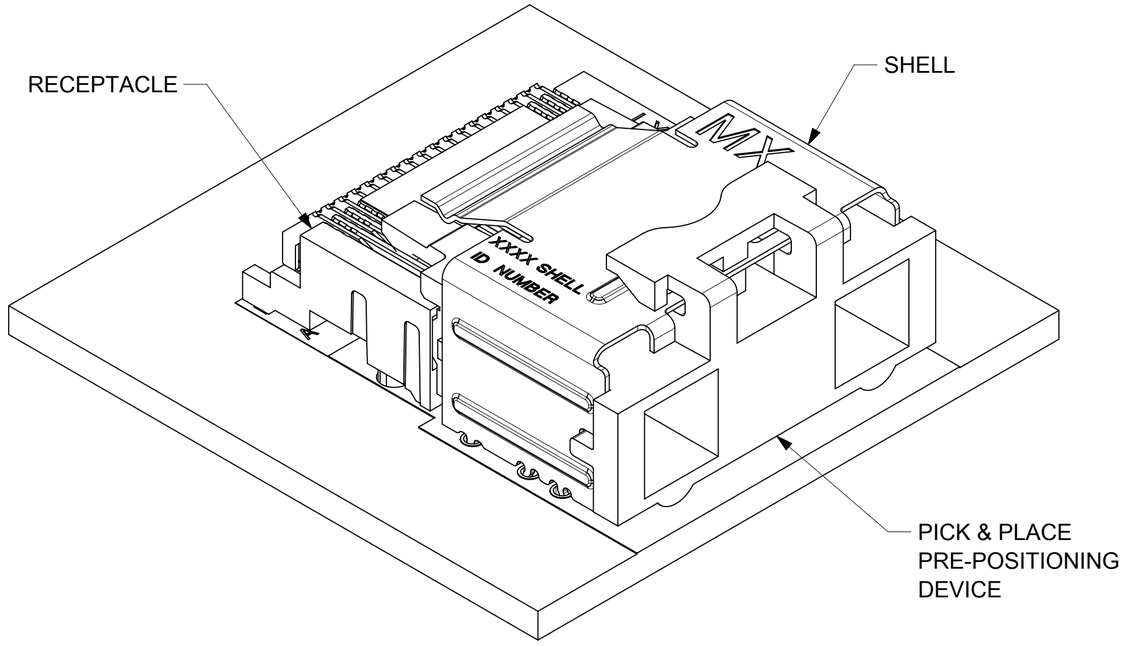
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 12

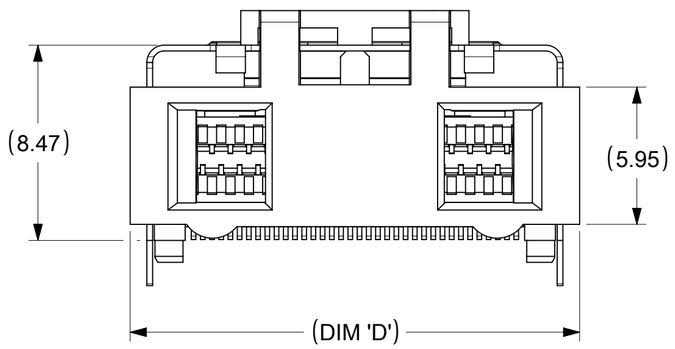
DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

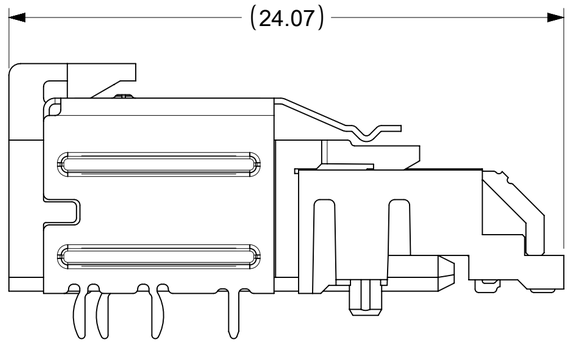
ASSEMBLY WITH PRE-POSITION DEVICE







36 CIRCUIT RETENTION-FIT SHELL OPTION SHOWN



NOTES:
1. PICK AND PLACE AREA DEFINED IN APPLICATION SPECIFICATION, AS-75783-001
2. 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.

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	mm
SCALE	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

molex

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

PRODUCT CUSTOMER DRAWING

THIRD ANGLE PROJECTION	DRAWING	SERIES
	C-SIZE	75783

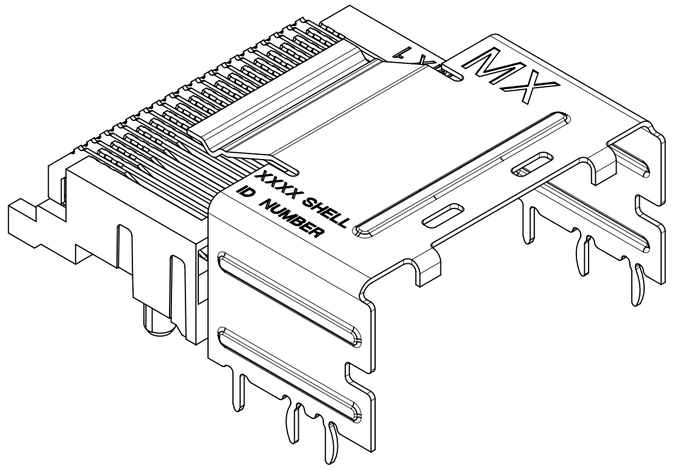
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

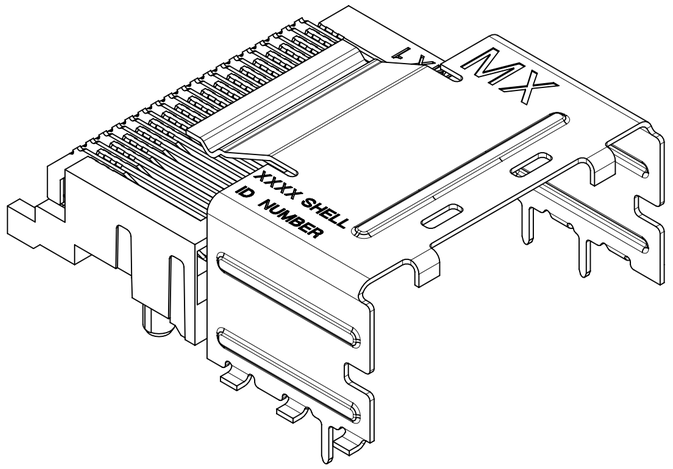
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	5 OF 12

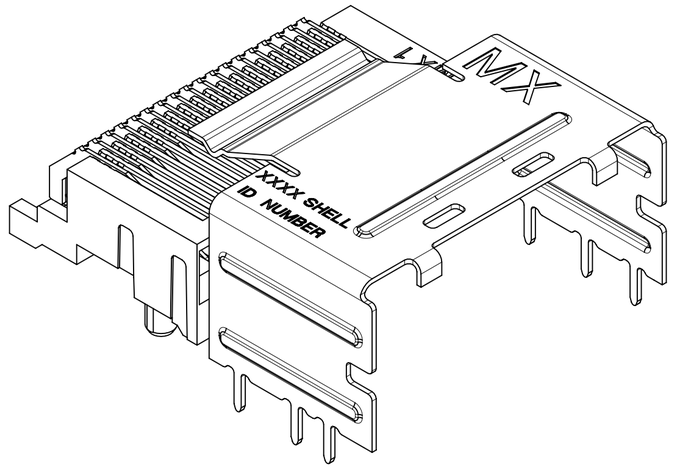
DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

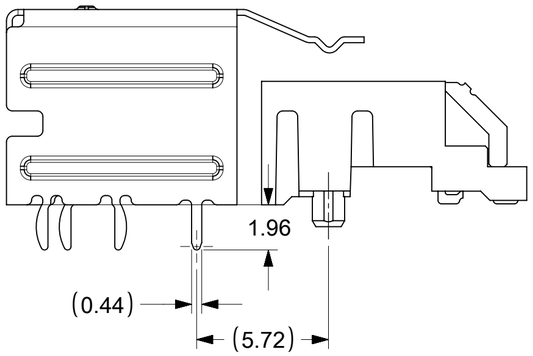
FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

SHELL PCB INTERFACE

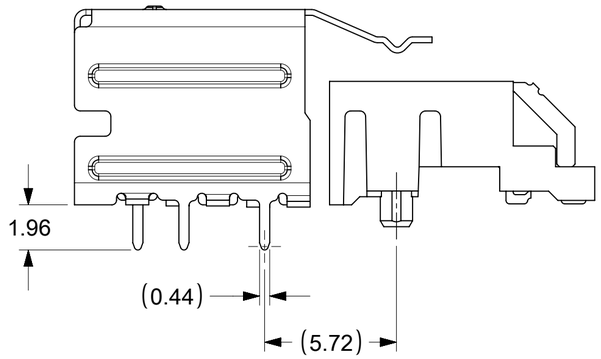




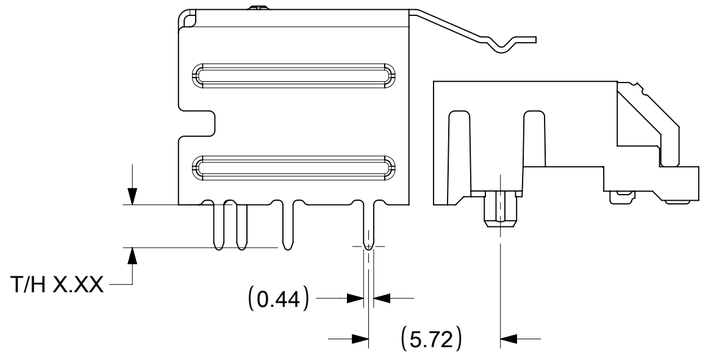




RETENTION-FIT
SHELL OPTION



SMT SHELL OPTION



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

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

DIMENSION UNITS	mm
SCALE	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO:	755035	
DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

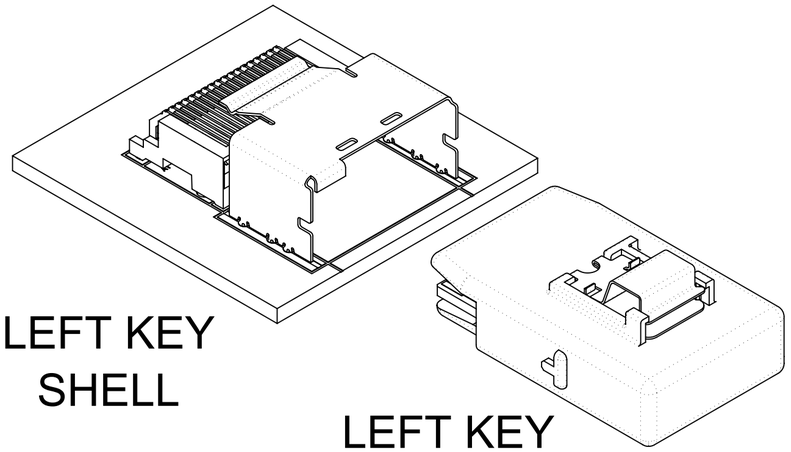
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	6 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

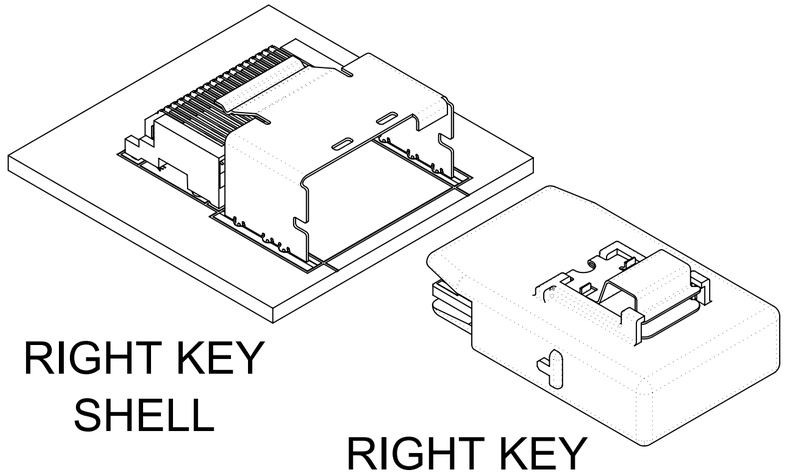
FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

KEYING OPTIONS



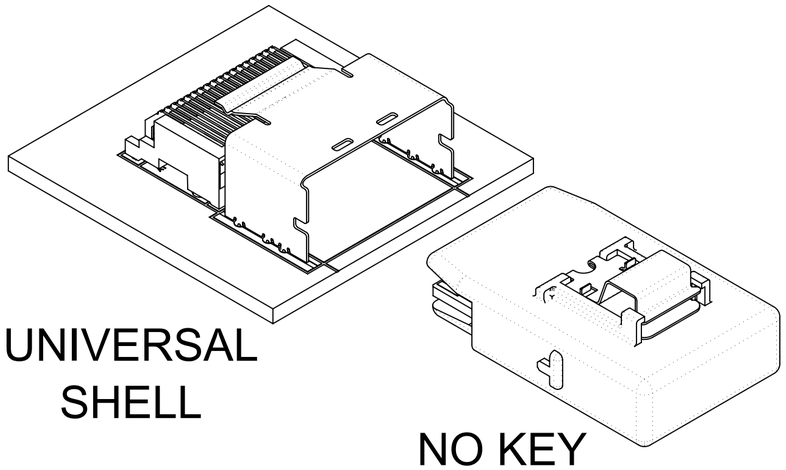
LEFT KEY SHELL

LEFT KEY PLUG



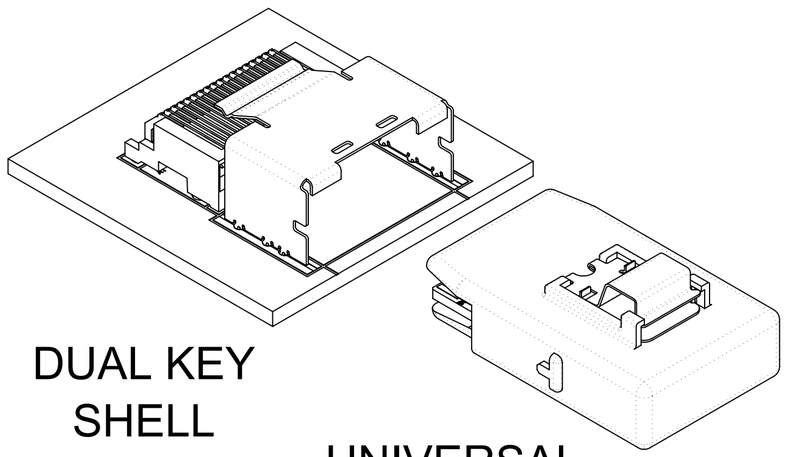
RIGHT KEY SHELL

RIGHT KEY PLUG



UNIVERSAL SHELL

NO KEY PLUG



DUAL KEY SHELL

UNIVERSAL PLUG

	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
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	7 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

36 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
36	75783-0107	OPTION 1	RETENTION	LEFT
36	75783-0112	OPTION 1	SMT	DUAL
36	75783-0121	OPTION 2	RETENTION	DUAL
36	75783-0122	OPTION 2	SMT	LEFT
36	75783-0125	OPTION 1	RETENTION	UNIVERSAL
36	75783-0126	OPTION 1	SMT	UNIVERSAL
36	75783-0127	OPTION 2	RETENTION	UNIVERSAL
36	75783-0128	OPTION 2	SMT	UNIVERSAL
36	75783-0132	OPTION 1	T/H 1.96	UNIVERSAL
36	75783-0133	OPTION 2	T/H 1.96	LEFT
36	75783-0170	OPTION 1	T/H 1.40	UNIVERSAL

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
36	75783-0137	OPTION 1	T/H 2.79	LEFT
36	75783-0140	OPTION 1	T/H 2.79	UNIVERSAL
36	75783-0144	OPTION 2	T/H 2.79	UNIVERSAL
36	75783-0150	OPTION 2	T/H 3.18	RIGHT
36	75783-0155	OPTION 1	T/H 3.56	DUAL
36	75783-0156	OPTION 1	T/H 3.56	UNIVERSAL

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

DIMENSION UNITS	mm
SCALE	1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	8 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

50 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
50	75783-0236	OPTION 2	T/H 1.96	UNIVERSAL

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
50	75783-0252	OPTION 2	T/H 3.18	UNIVERSAL

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	75783	SEE TABLE	GENERAL MARKET	9 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

68 CIRCUIT ITEM NUMBERS

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
68	75783-0328	OPTION 2	SMT	UNIVERSAL
68	75783-0332	OPTION 1	T/H 1.96	UNIVERSAL
68	75783-0334	OPTION 2	T/H 1.96	RIGHT

CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	SHELL PCB OPTION	SHELL KEY OPTION
68	75783-0337	OPTION 1	T/H 2.79	LEFT
68	75783-0338	OPTION 1	T/H 2.79	RIGHT
68	75783-0348	OPTION 1	T/H 3.18	UNIVERSAL
68	75783-0352	OPTION 2	T/H 3.18	UNIVERSAL

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DIMENSION UNITS	mm
SCALE	1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

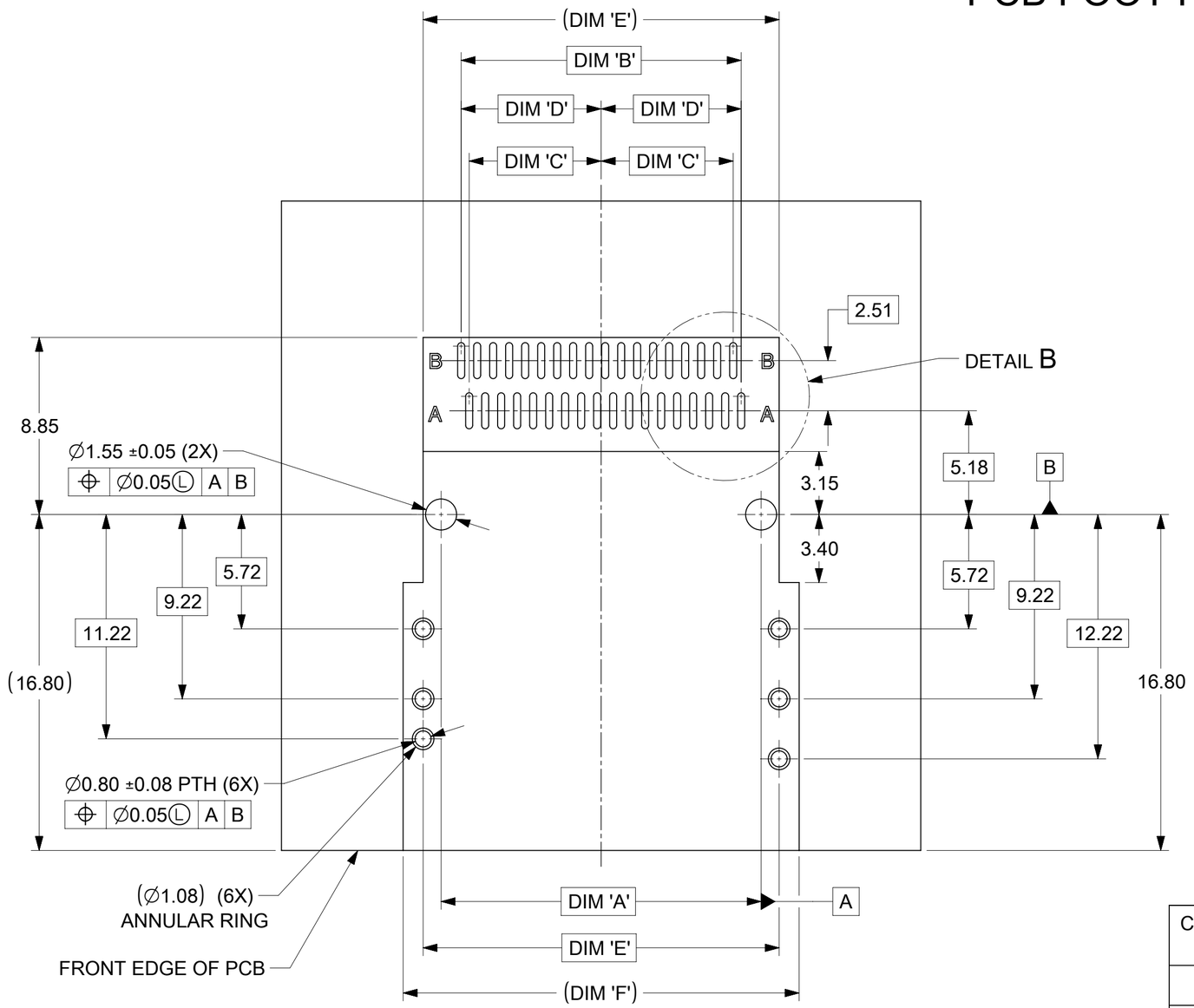
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	10 OF 12

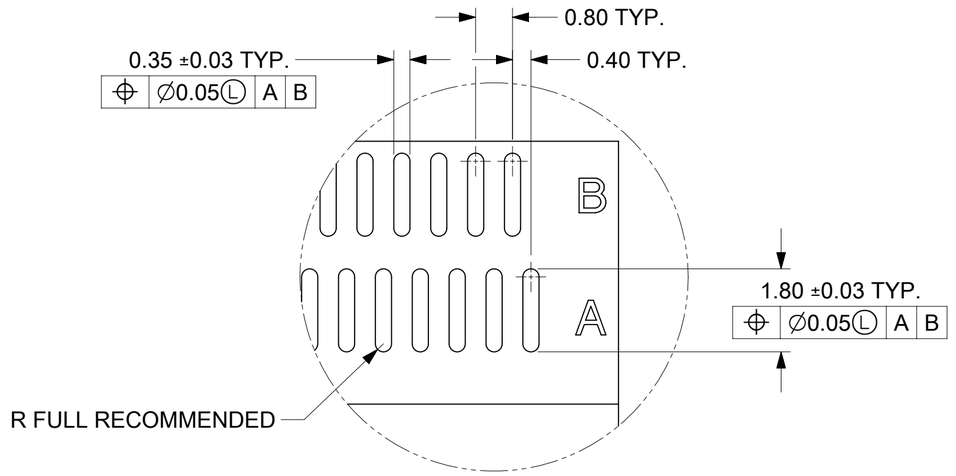
DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

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



36 CIRCUIT SHOWN



DETAIL B
SCALE 10:1

CIRCUIT SIZE	DIM 'A' (PEG TO PEG)	DIM 'B' (FIRST PAD TO LAST PAD)	DIM 'C' (CENTERLINE TO PAD)	DIM 'D' (CENTERLINE TO PAD)	DIM 'E' (CONNECTOR WIDTH SHELL PEG TO PEG)	DIM 'F' (SHELL FOOTPRINT WIDTH)
36	16.00	14.00	6.60	7.00	17.80	19.80
50	21.60	19.60	9.40	9.80	23.40	25.40
68	28.80	26.80	13.00	13.40	30.60	32.60

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DIMENSION UNITS	mm
SCALE	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035
DRWN: ANIKES1 2023/03/30
CHK'D: GGA 2023/06/29
APPR: GGA 2023/06/29

INITIAL REVISION:
DRWN: KLANG 2005/04/15
APPR: RNELSON 2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	11 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

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DATE: 2021/05/01

DATE	REV	DESCRIPTION
2018/03/20	F	1. REMASTERED FROM MODEL MANAGER
		2. SHEET 1, NOTE 3, COPLANAR DISTANCE CHANGED FROM 0.15 TO 0.10
2019/03/28	F1	1. RECREATED IN NX
		2. OBSOLETED PART NO 757830052,757830145,757830146,757830326
2023/03/30	F2	1)OBSOLETED PART NUMBERS AS PER PCN#511683(ECN-743800). 2)REMOVED SHEET 8 AND 26 CIRCUIT ITEM NUMBERS.

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#511683.

EC NO: 755035

DRWN:	ANIKES1	2023/03/30
CHK'D:	GGA	2023/06/29
APPR:	GGA	2023/06/29

INITIAL REVISION:

DRWN:	KLANG	2005/04/15
APPR:	RNELSON	2005/04/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 75783

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75783-001	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	12 OF 12

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/29 13:27:16

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01