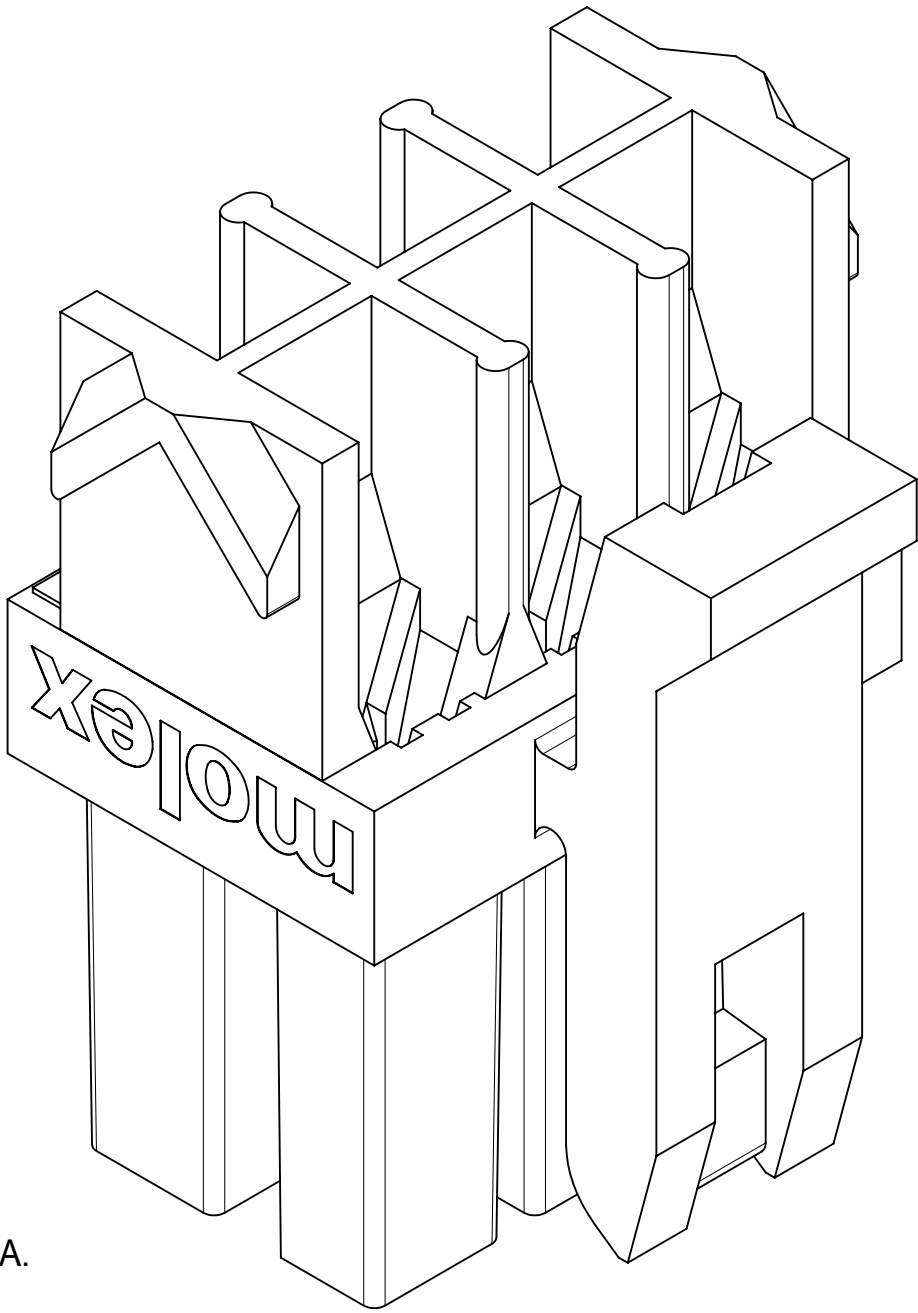
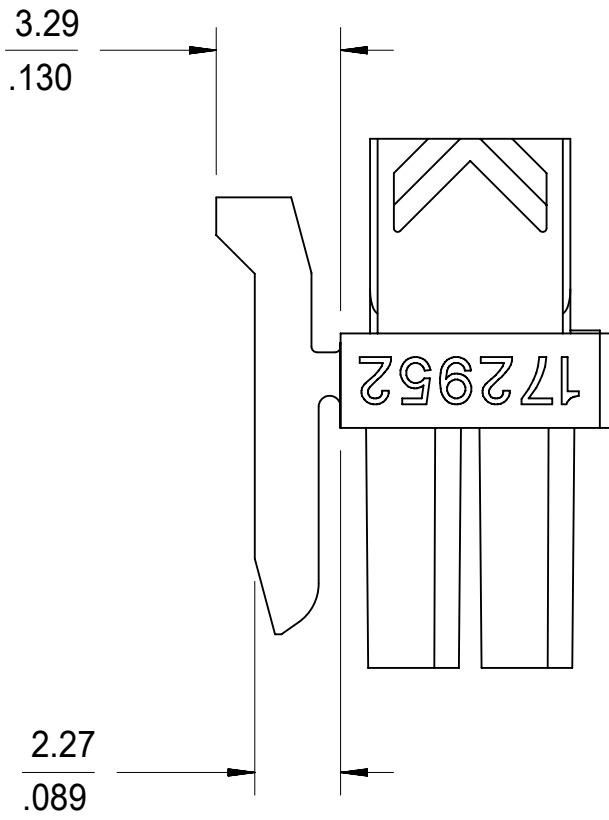
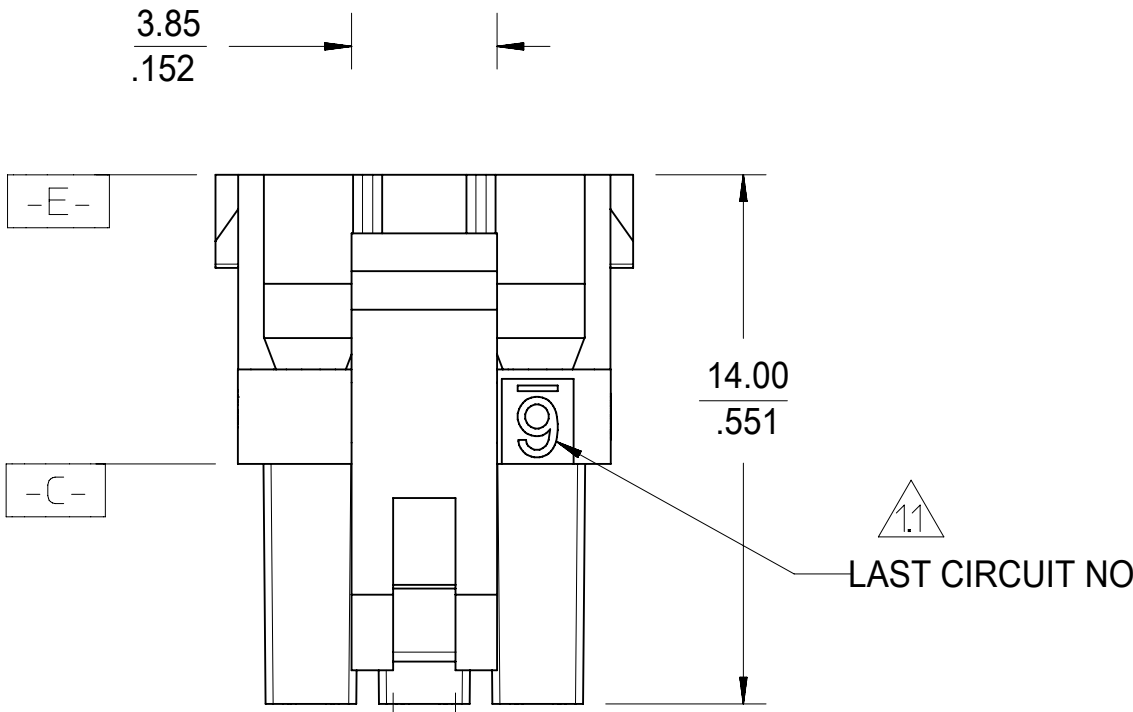
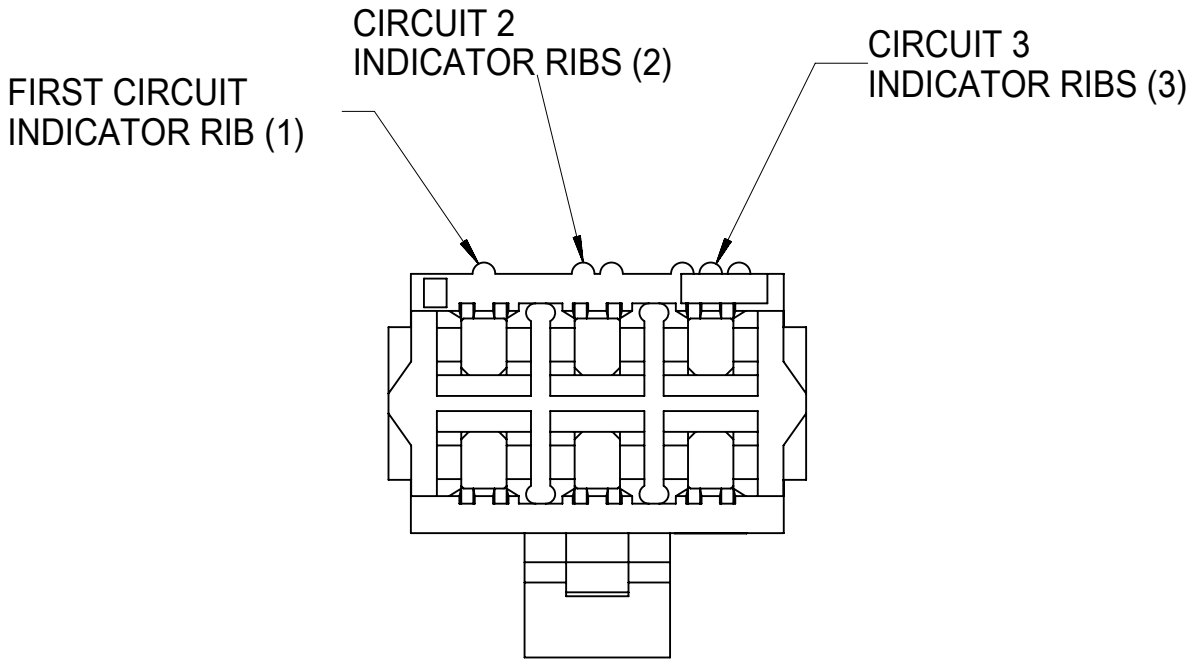
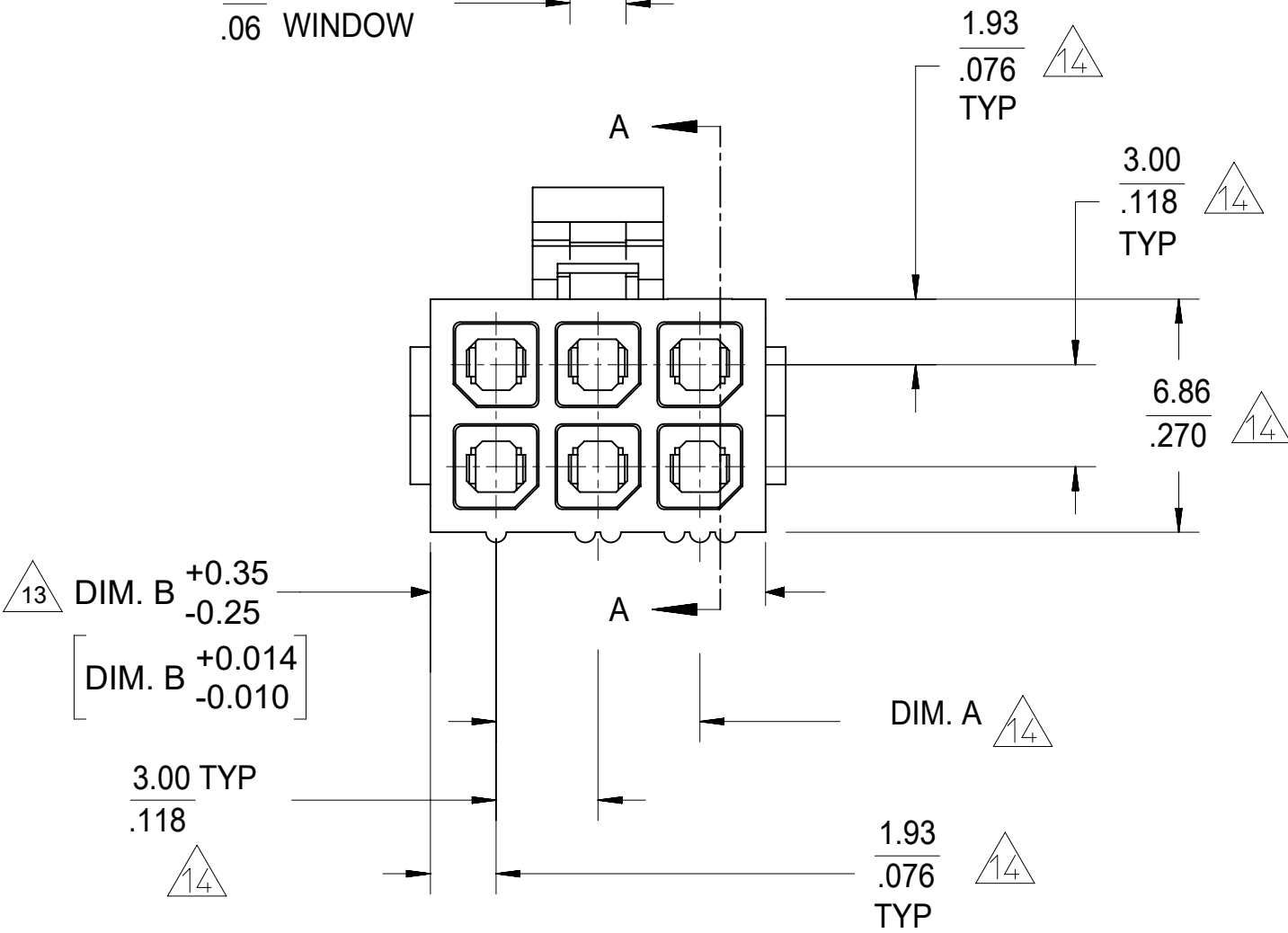


- NOTES:
- 1) MATERIAL:
UNFILLED NYLON, RATED UL94V-0, LOW-HALOGEN, COLOR: BLACK
 - 2) FINISH: NONE
 - 3) PRODUCT SPECIFICATION: PS-43045
 - 4) PACKAGING SPECIFICATION: BULK PER 1729520001-PK
 - 5) MATES WITH: MOLEX 43020 PLUGS, 203632 TPA PLUGS AND 43045 HEADERS
 - 6) FOR USE WITH: 43030 AND 46235 (LOW FORCE) MOLEX FEMALE TERMINALS
 - 7) HOUSING IS DESIGNED FOR USE WITH 172953-XX01 TPA. NEVER USE WITHOUT TPA.
 - 8) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
 - 9) PARTS MAY HAVE A BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY
 - 10) TERMINALS IN THE LOWER ROW ARE INSERTED 180° FROM THE UPPER ROW
- SEE SECTION A-A FOR PROPER ORIENTATION
- 11) LAST CIRCUIT NUMBER OF THE CONNECTOR. NOT APPLICABLE TO 4 CIRCUIT.
- 12) REF 430250000-AS FOR OVERMOLDING PARAMETERS
- 13) TO BE MEASURED APPROXIMATELY 1.52/.060 FROM -E- SURFACE
- 14) TO BE MEASURED ON -C- SURFACE
- 15) MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG SERIES 44242 FOR ALL TESTING. TEST PLUGS MUST NOT BE MATED OR UNMATED UNDER LOAD. DO NOT USE STANDARD MATING COMPONENTS FOR TEST PURPOSES.
- 16) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
- 17) INTENDED FOR USE WITH 20-30 AWG WIRES ONLY

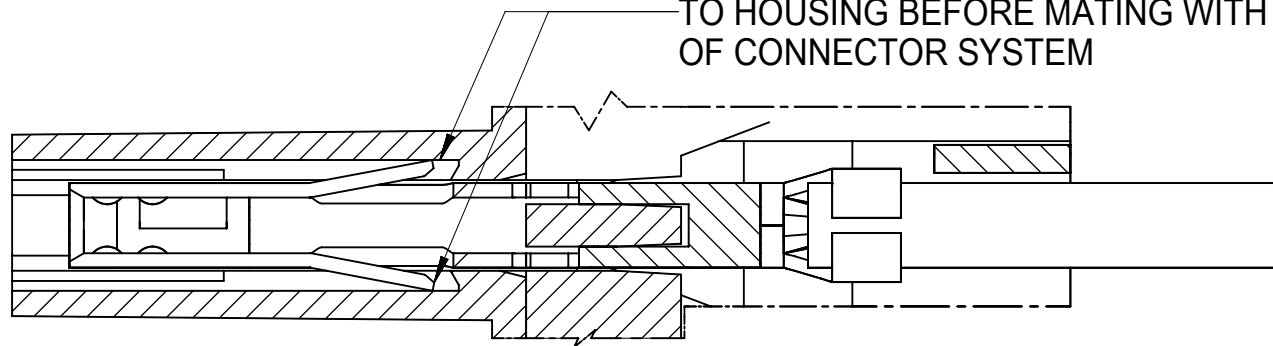


172952-0601 SHOWN
NEVER USE WITHOUT TPA.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD NOTE 17				molex MICRO-FIT TPA RECEPTACLE HOUSING DUAL-ROW			
= 0	MM/INCH		5:1		EC NO: 723726 DRWN: MKIPPER CHK'D: MKIPPER APPR: FSMITH INITIAL REVISION: DRWN: BANDERSON APPR: BPISZCZOR 2022/02/25 2022/10/12 2022/10/13 2014/12/30 2016/03/24							
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)											
= 0		MM	INCH									
DIVISIONAL SYMBOLS	4 PLACES	±		±								
	3 PLACES	±		± 0.01								
	2 PLACES	±	0.25	± 0.015								
	1 PLACE	±	0.38	±								
DIVISIONAL SYMBOLS	0 PLACES	±		±								
	ANGULAR TOL		± 0.5 °									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION									
				DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
				C-SIZE	172952	SEE CHART	GENERAL MARKET	1 OF 3				
DOCUMENT STATUS P1 RELEASE DATE 2022/10/13 13:32:51 12 11 10 9 8 7 6 5 4 3 2 1												

TERMINAL LOCKING TABS MUST BE FULLY SEATED
—TO HOUSING BEFORE MATING WITH OTHER HALF
OF CONNECTOR SYSTEM



Partial B-B
SCALE 10:1

0.76 REF
.030
 TERMINAL INSERTION
 DEPTH

TERMINAL STOPS

- 172953-XX01 TPA

- TERMINAL STOPS

—TERMINAL STOPS

—172953-XX01 TPA

—172953-XX01 TPA

172952
RECEPTACLE
HOUSING

TERMINAL AND TPA
ORIENTATION
AND ASSEMBLY
NEVER USE WITHOUT TPA.

43030 TERMINAL
SHOWN

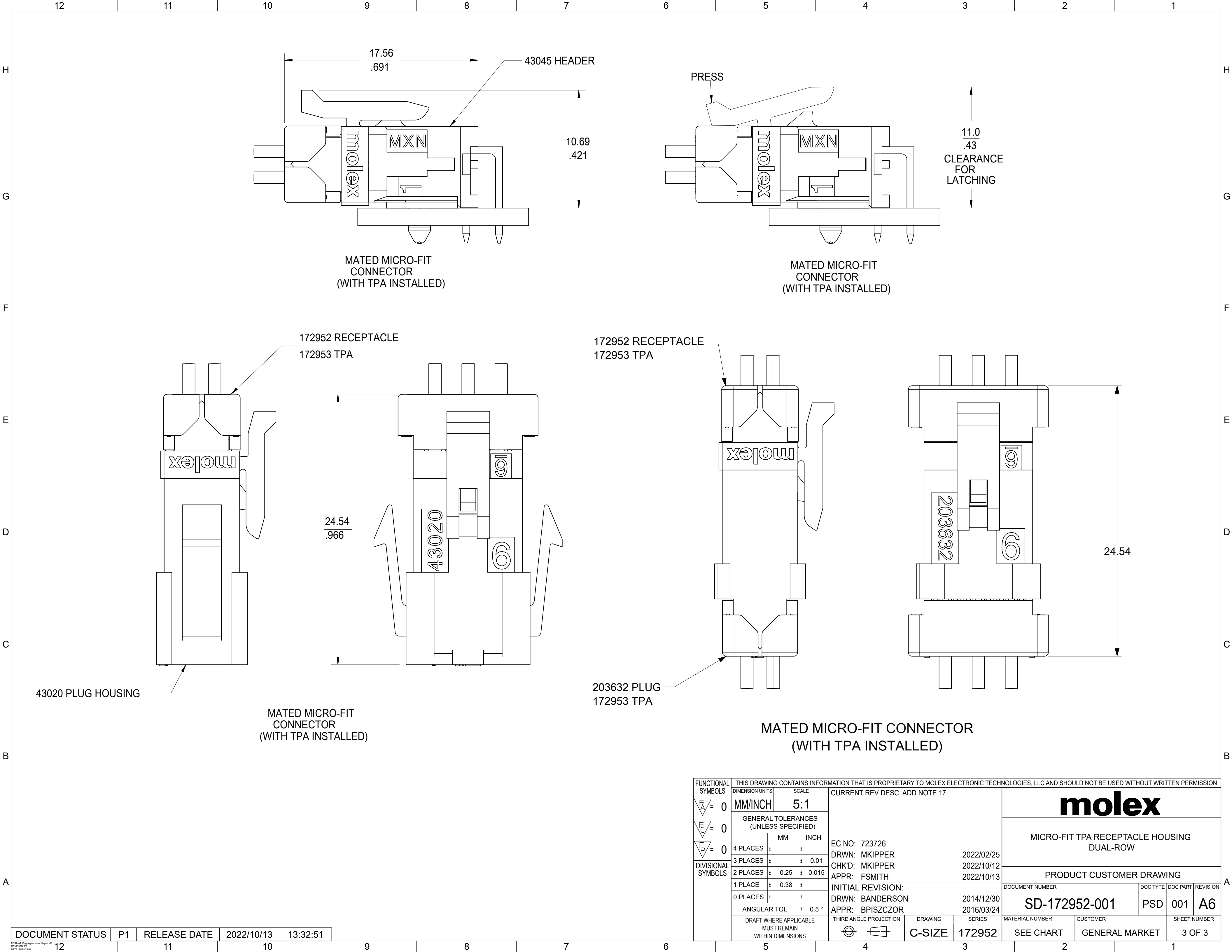
TERMINAL STOPS

- 172953-XX01 TPA

SECTION A-A
(WITH TERMINALS AND TPAs)
SCALE 10:1

B	24	172952-2401	33.00 / 1.299	36.85 / 1.451
	22	172952-2201	30.00 / 1.181	33.85 / 1.333
	20	172952-2001	27.00 / 1.063	30.85 / 1.215
	18	172952-1801	24.00 / .945	27.85 / 1.096
	16	172952-1601	21.00 / .827	24.85 / .978
	14	172952-1401	18.00 / .709	21.85 / .860
A	12	172952-1201	15.00 / .591	18.85 / .742
	10	172952-1001	12.00 / .472	15.85 / .624
	8	172952-0801	9.00 / .354	12.85 / .506
	6	172952-0601	6.00 / .236	9.85 / .388
	4	172952-0401	3.00 / .118	6.85 / .270
	CKT SZ.	PART NUMBER	DIM A	DIM B

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F D = 0		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: ADD NOTE 17				molex							
		MM/INCH		5:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)								MICRO-FIT TPA RECEPTACLE HOUSING DUAL-ROW							
			MM	INCH													
		DIVISIONAL SYMBOLS		4 PLACES		±	±		EC NO: 723726 DRWN: MKIPPER 2022/02/25 CHK'D: MKIPPER 2022/10/12 APPR: FSMITH 2022/10/13				PRODUCT CUSTOMER DRAWING				
				3 PLACES		±	± 0.01										
				2 PLACES		± 0.25	± 0.015										
				1 PLACE		± 0.38	±		INITIAL REVISION: DRWN: BANDERSON 2014/12/30 APPR: BPISZCZOR 2016/03/24				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				0 PLACES		±	±						SD-172952-001		PSD	001	A6
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR TOL		± 0.5 °	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER					
						C-SIZE	172952	SEE CHART	GENERAL MARKET		2 OF 3						



FUNCTIONAL SYMBOLS DIVISIONAL SYMBOLS	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: ADD NOTE 17											
	MM/INCH		5:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
			MM	INCH												
	4 PLACES		±	±												
	3 PLACES		±	± 0.01												
	2 PLACES		± 0.25	± 0.015												
	1 PLACE		± 0.38	±												
	0 PLACES		±	±												
ANGULAR TOL			± 0.5 °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER					
						C-SIZE	172952	SEE CHART		GENERAL MARKET	3 OF 3					

FUNCTIONAL SYMBOLS

DIVISIONAL SYMBOLS

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THIRD ANGLE PROJECTION

DRAWING

SERIES

172952

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GENERAL MARKET

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