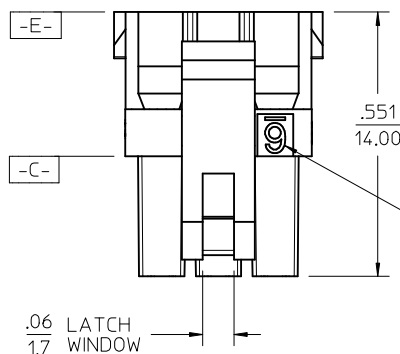


NOTES:

- 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 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 SDES-43025-1000 FOR OVERMOLDING PARAMETERS
- 13) TO BE MEASURED APPROXIMATELY .060/1.52 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.

FIRST CIRCUIT INDICATOR RIB (1)
CIRCUIT 2 INDICATOR RIBS (2)
CIRCUIT 3 INDICATOR RIBS (3)

.152
3.85



11
LAST CIRCUIT NO

.06
1.7
LATCH WINDOW

.076
1.93
TYP 14

.118
3.00
TYP 14

.270
6.86 14

13
DIM. B

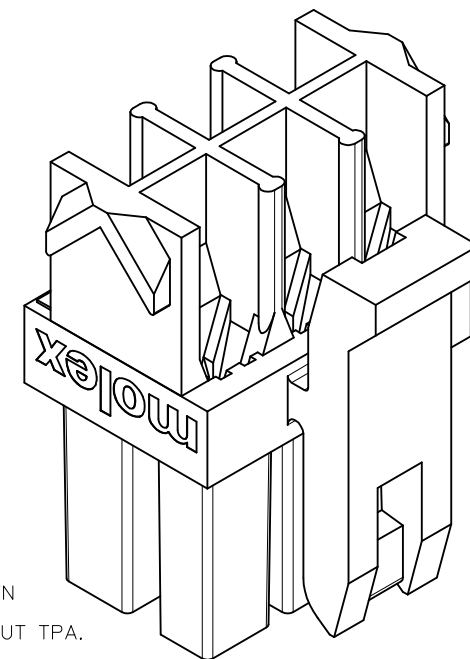
.118
3.00
TYP 14

DIM. A 14

.076
1.93
TYP 14

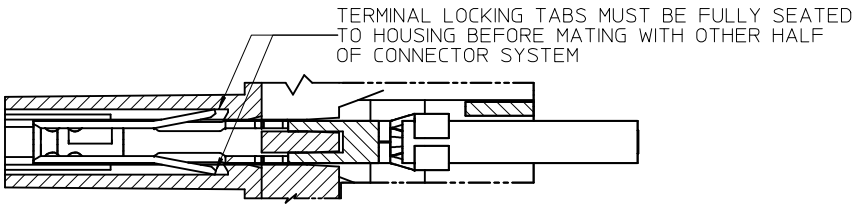
.130
3.29

.089
2.27

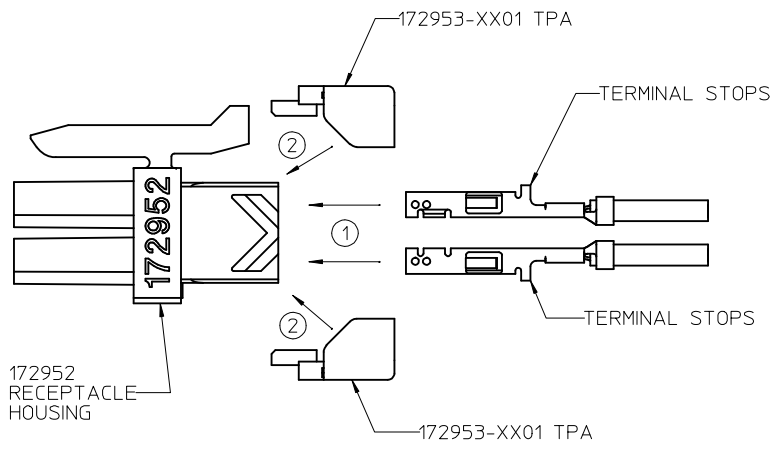
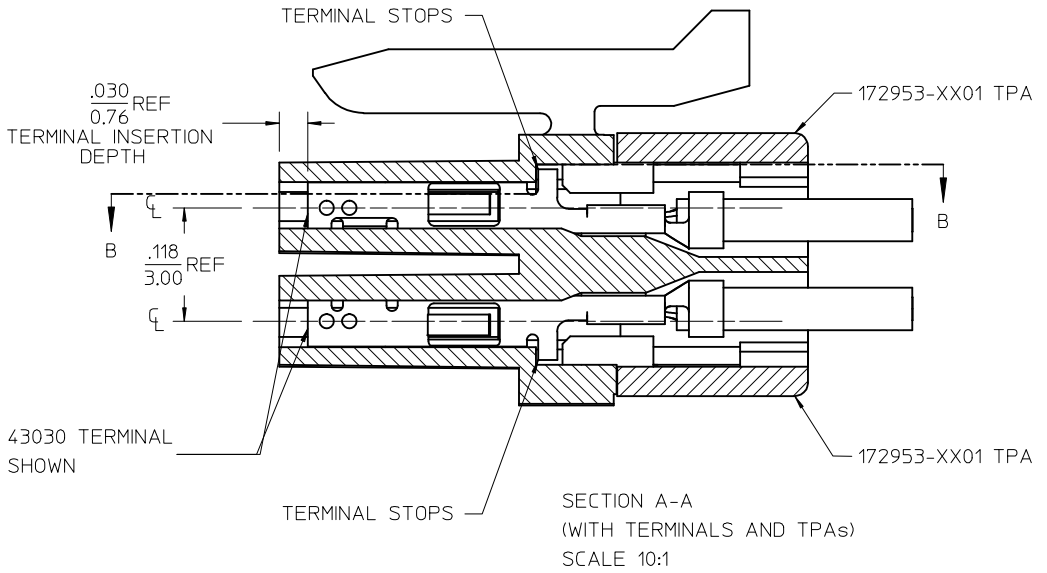


172952-0601 SHOWN
NEVER USE WITHOUT TPA.

ADD TOOLED COLUMN EC NO: UCP2017-4155 DRAWN: COLE 2016/11/16 CHKD: APPR: BP1/SZCZOR 2016/12/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY BANDERSON	DATE 2014/12/30	TITLE MICRO-FIT TPA DUAL-ROW RECEPTACLE HOUSING molex	SHEET NO. 1 OF 3	
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± .010	SSOUSEK	2014/12/30			
			2 PLACES	± 0.25	± .015	APPROVED BY	DATE			
			1 PLACE	± 0.38	± ---	BP1SZCZOR	2016/03/24			
			0 PLACE	± ---	± ---	MATERIAL NO.	DOCUMENT NO.			
			ANGULAR ± 1/2°			SEE CHART		SD-172952-001		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			REV	A3						



Partial B-B
SCALE 10:1



TERMINAL AND TPA
ORIENTATION
AND ASSEMBLY
NEVER USE WITHOUT TPA.

24	172952-2401	1.299 / 33.00	1.451 / 36.85	NO
22	172952-2201	1.181 / 30.00	1.333 / 33.85	NO
20	172952-2001	1.063 / 27.00	1.215 / 30.85	NO
18	172952-1801	.945 / 24.00	1.096 / 27.85	NO
16	172952-1601	.827 / 21.00	.978 / 24.85	NO
14	172952-1401	.709 / 18.00	.860 / 21.85	YES
12	172952-1201	.591 / 15.00	.742 / 18.85	YES
10	172952-1001	.472 / 12.00	.624 / 15.85	YES
8	172952-0801	.354 / 9.00	.506 / 12.85	YES
6	172952-0601	.236 / 6.00	.388 / 9.85	YES
4	172952-0401	.118 / 3.00	.270 / 6.85	YES
CKT SZ.	PART NUMBER	DIM A	DIM B	TOOLED

SEE SHEET 1
EC NO: UCP2017-1135
DRAWN: COLE
CHKD:
APPR: BP1/SZCZOR 2016/12/14

QUALITY SYMBOLS
▽=0
▽=0
▽=0

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .015
1 PLACE ± 0.38 ± ---
0 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
BANDERSON

CHECKED BY
SSOUSEK

APPROVED BY
BP1/SZCZOR

MATERIAL NO.

DATE
2014/12/30
2014/12/30
2016/03/24

SCALE
5:1

DESIGN UNITS
METRIC

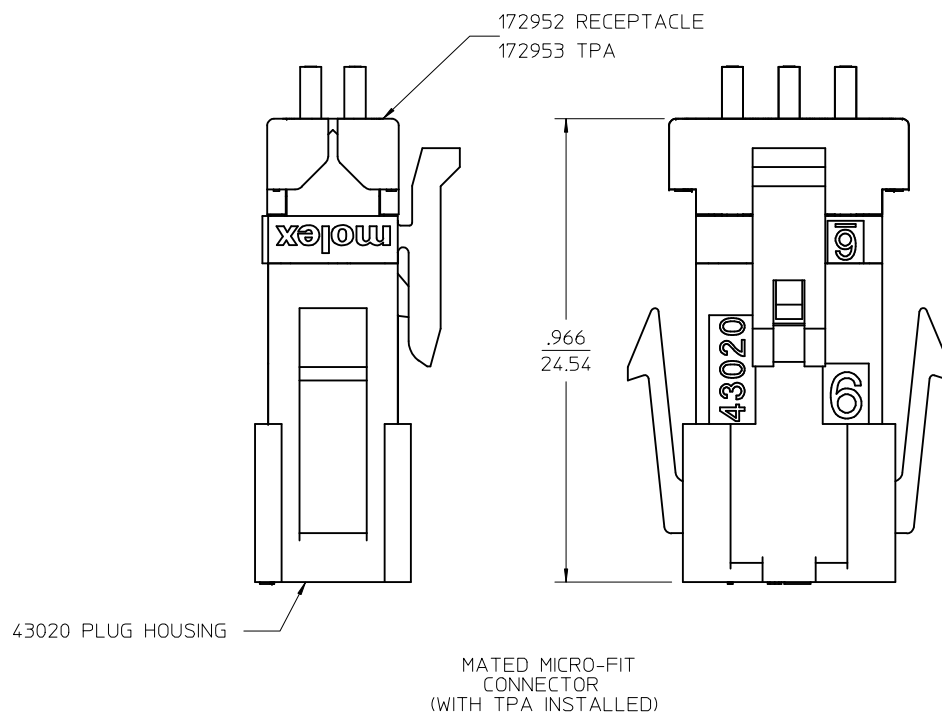
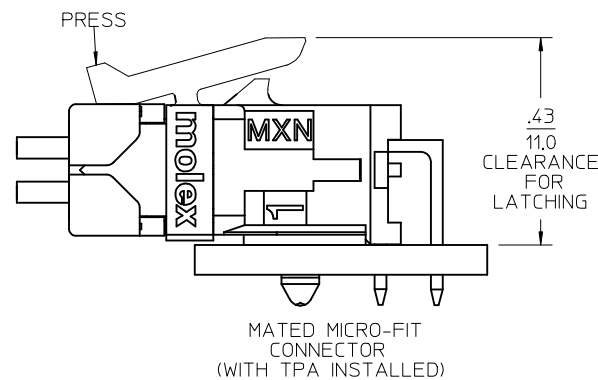
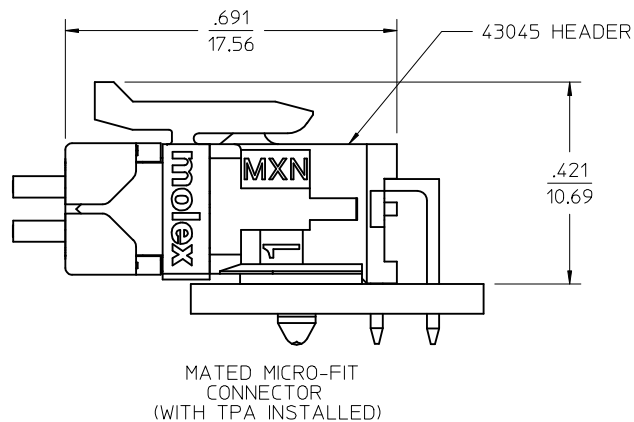
THIRD ANGLE PROJECTION

TITLE
MICRO-FIT TPA
DUAL-ROW RECEPTACLE
HOUSING
molex

DOCUMENT NO.
SD-172952-001

SHEET NO.
2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



SEE SHEET 1 EC NO: UCP2017-1135 DRAWN: MCOLE CHKD: APPR: BP1SZCZOR REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MICRO-FIT TPA DUAL-ROW RECEPTACLE HOUSING molex	DOCUMENT NO. SD-172952-001	SHEET NO. 3 OF 3
					mm	INCH	DRAWN BY BANDERSON	DATE 2014/12/30					
				4 PLACES	± ---	± ---	CHECKED BY SSOUSEK	DATE 2014/12/30					
				3 PLACES	± ---	± .010	APPROVED BY BP1SZCZOR	DATE 2016/03/24					
				2 PLACES	± 0.25	± .015							
				1 PLACE	± 0.38	± ---							
				0 PLACE	± ---	± ---							
				ANGULAR ±1/2°			MATERIAL NO.						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART						
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							