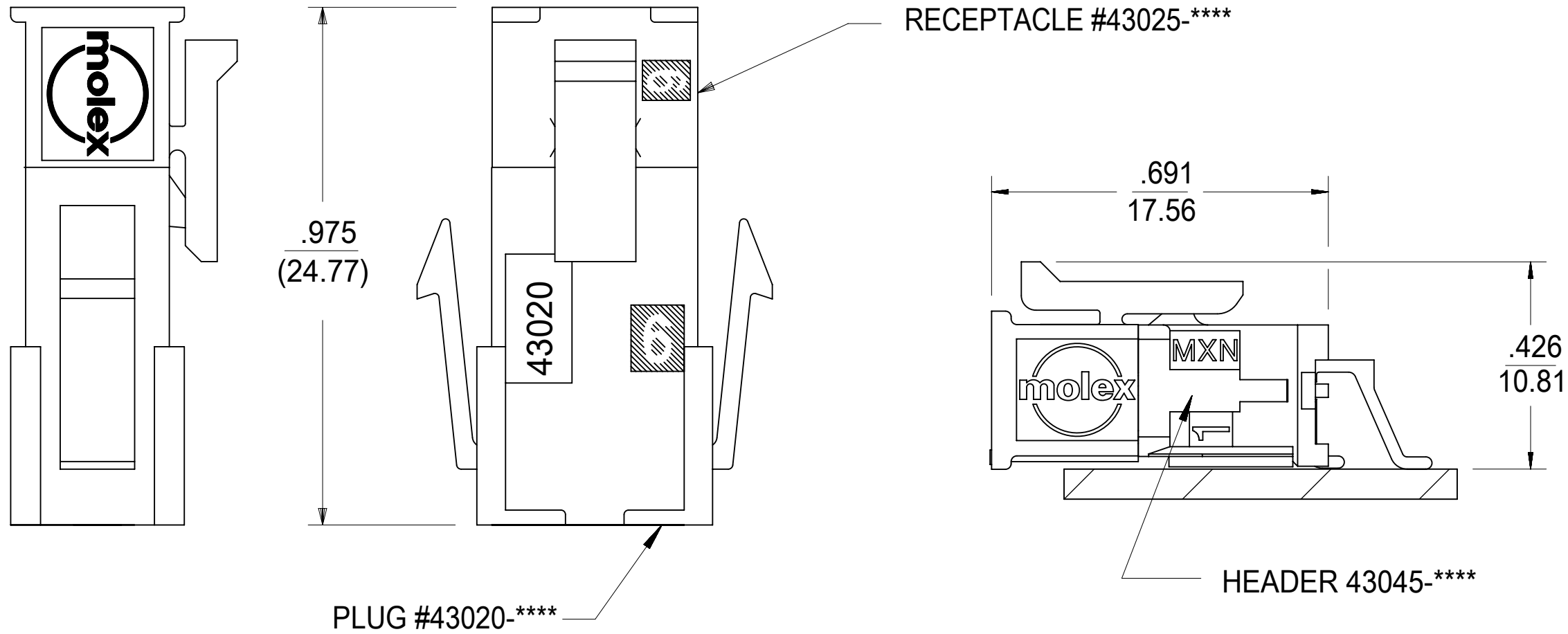


PART CHARACTERISTICS	
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER
02	43025-0210
04	43025-0410
06	43025-0610
08	43025-0810
10	43025-1010
12	43025-1210
14	43025-1410
16	43025-1610
18	43025-1810
20	43025-2010
22	43025-2210
24	43025-2410

CKT. SIZE	DIM. "A" +.014 -.010 +0.35 -0.25	DIM. "B"
2	.152/(3.86)	N/A
4	.270/(6.85)	.118/(3.00)
6	.388/(9.85)	.236/(6.00)
8	.506/(12.85)	.354/(9.00)
10	.624/(15.85)	.472/(12.00)
12	.742/(18.85)	.591/(15.00)
14	.860/(21.85)	.709/(18.00)
16	.978/(24.85)	.827/(21.00)
18	1.096/(27.85)	.945/(24.00)
20	1.215/(30.85)	1.063/(27.00)
22	1.333/(33.85)	1.181/(30.00)
24	1.451/(36.85)	1.299/(33.00)

NOTES:

- HOUSING MATERIAL:
UNFILLED NYLON, RATED U.L. 94V-2, IEC 60335-1 GLOW WIRE CAPABLE, COLOR IS BLACK.
* MATERIAL NUMBERS ON THIS DRAWING ARE GLOW WIRE CAPABLE SINCE INCEPTION.
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-43045
- PACKAGING SPECIFICATION: PK-43025-001
- THIS RECEPTACLE MATES WITH 43020, 43045.
- THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL SERIES 43030 OR 46235.
SEE SECTION "A"- "A" FOR TERMINAL ORIENTATION IN HOUSING.
- FOR OVERMOLDING PARAMETERS SEE APPLICATION SPECIFICATION 430250000-AS.
- TOP PULL TABS ARE NOT AVAILABLE ON 2 AND 4 CIRCUIT PARTS.
- MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG, SERIES NO. 44242-**** WHENEVER TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED FOR MAKE OR BREAK UNDER LOAD.
MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS FOR HARNESS TESTING PURPOSES.
- HOUSINGS HAVE EITHER AN IDENTIFIER RIB OR ENGRAVED "1" SYMBOL
TO INDICATE CIRCUIT #1. INDENTIFIER TYPE IS TOOL DEPENDENT AND NOT SELECTABLE.
- DIMENSION 'A' MEASURED AT DATUM -A-
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002,
WITH THE EXCEPTION OF FLASH, DISCOLORATION, AND SINK MEET CLASS "C" REQUIREMENTS.
- HOUSINGS MAY HAVE DISCOLORATION AREAS THAT DO NOT AFFECT FUNCTIONALITY. DISCOLORATION
AREAS MAY EXTEND ACROSS THE ENTIRE LENGTH OF THE FACES OF THE PART.
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON
PART NUMBER AND/OR TOOL.



MATED MICRO-FIT CONNECTOR

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/01	21:26:25
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HOUSING SHOWN WITH
FIRST CIRCUIT IDENTIFIER RIB

(SEE NOTE #10)

SEE NOTE 8

CIRCUIT 1

.076
(1.93)
TYP.

.118
(3.00)
TYP.

"A"
(SEE NOTE #11)

LAST CIRCUIT

.076
(1.93)
TYP.

.118
(3.00)
TYP.

.270
(6.86)

CIRCUIT 2

.270
(6.85)
REF.

.129
(3.28)

.089
(2.26)

2 CIRCUIT HOUSING

CIRCUIT 2

CIRCUIT 1

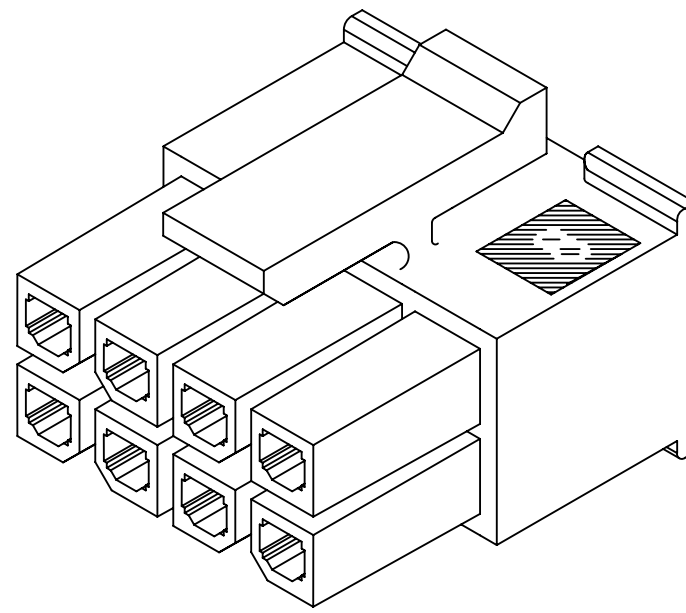
.028 TYP.
0.71

(CKT SIZES 2 & 4)

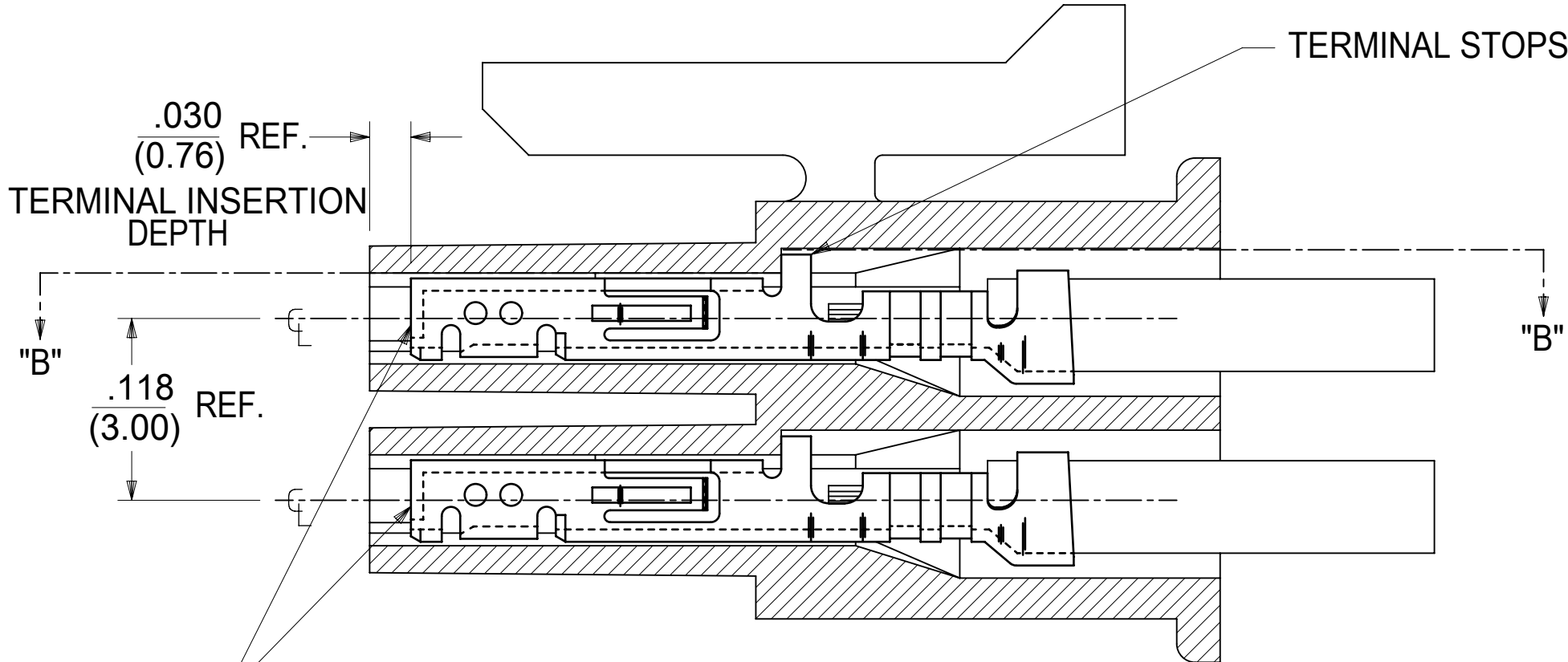
.298
(7.57)

(CKT SIZES 2&4)

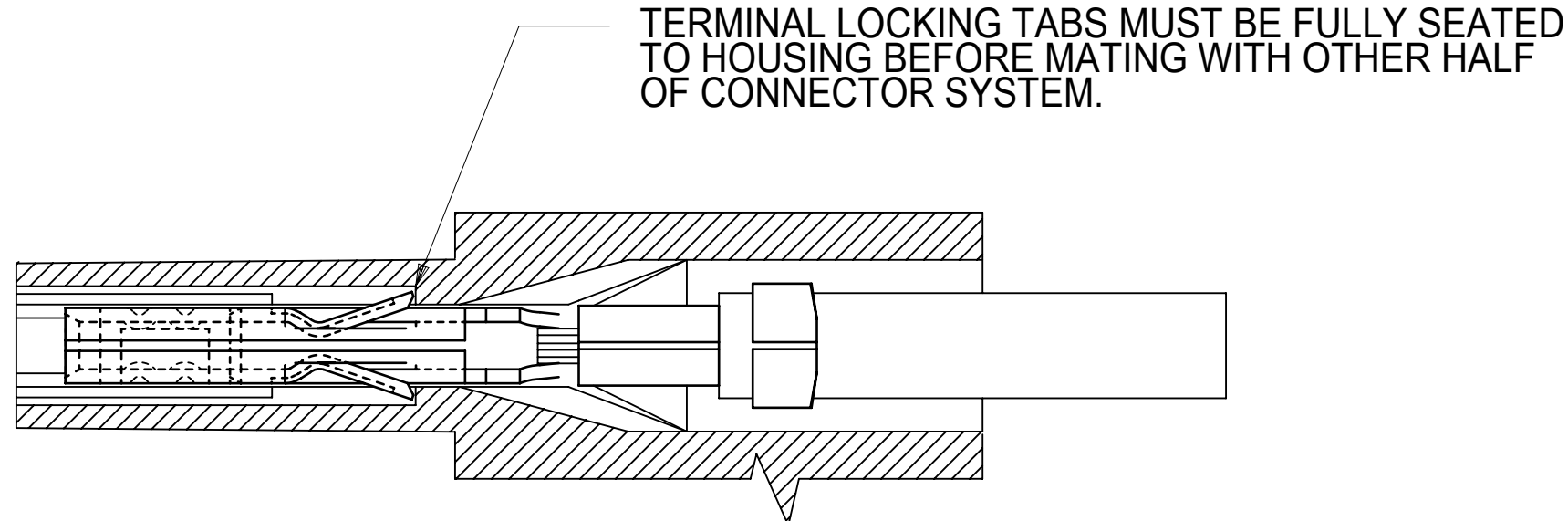
4 CIRCUIT PULL TAB GEOMETRY



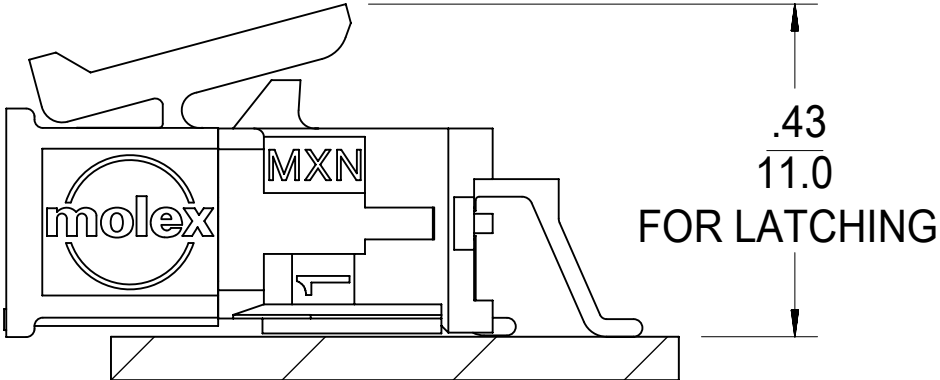
RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)
(SEE NOTE 9 FOR TESTING)



SECTION "A"- "A"
WITH TERMINAL
(SCALE 10:1)



SECTION "B"- "B"
(SCALE 10:1)



FOR LATCHING

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: UPDATE NOTE 7				molex MICRO-FIT (3.0) RECEPTACLE, GLOW WIRE DUAL ROW / 2 THRU 24 CIRCUIT					
IN/MM		NTS		EC NO: 168740 DRWN: AZAHIROVIC 2018/01/03 CHK'D: SSOUSEK 2018/06/01 APPR: FSMITH 2018/06/01									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
		MM		INCH		PRODUCT CUSTOMER DRAWING							
4 PLACES ±		±		DRWN: JDFOX 2015/02/09 APPR: BPISZCZOR 2016/06/10									
3 PLACES ±		± 0.01		DOCUMENT NUMBER SD-43025-002				DOC TYPE PSD	DOC PART 001	REVISION A1			
2 PLACES ±		0.25 ± 0.014						INITIAL REVISION:	THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 43025	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL MARKET
1 PLACE ±		0.35 ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 43025	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 1
0 PLACES ±		±						THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 43025	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 1
ANGULAR TOL ± 0.5 °													