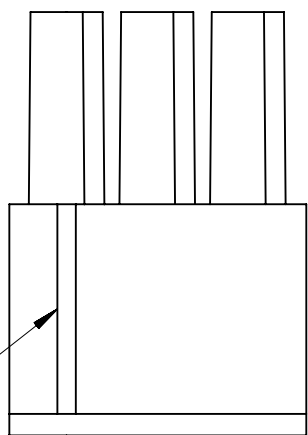
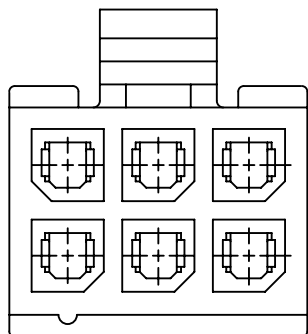
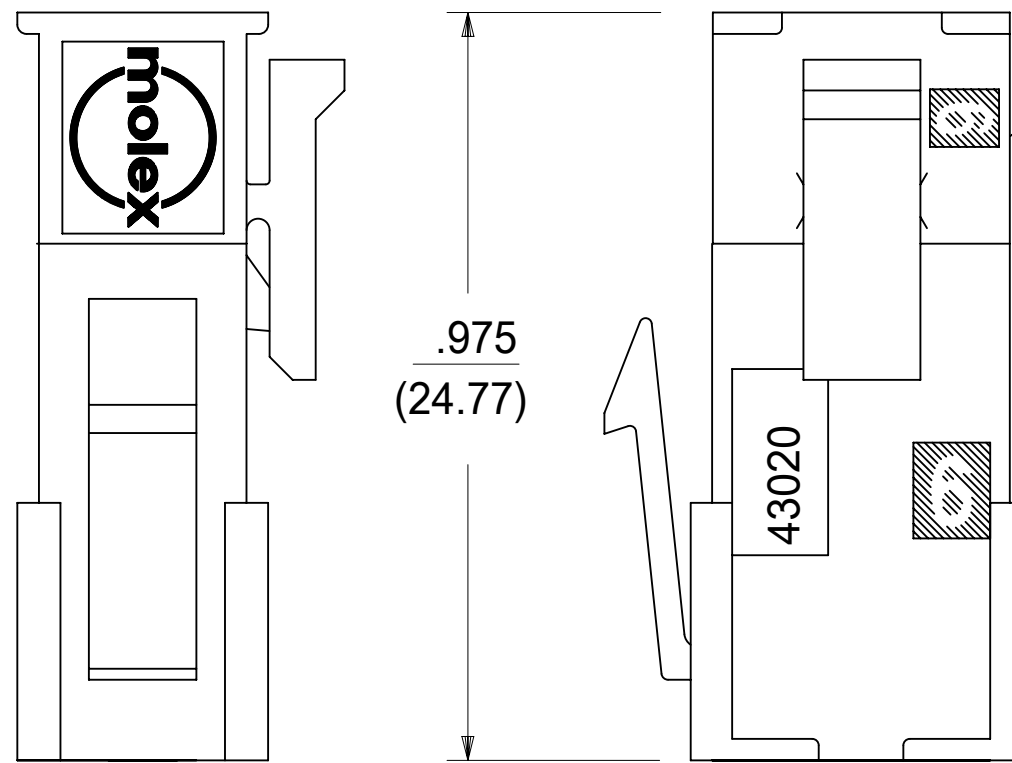


PART CHARACTERISTICS	
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER
02	43025-0208
04	43025-0408
06	43025-0608
08	43025-0808
10	43025-1008
12	43025-1208
14	43025-1408
16	43025-1608
18	43025-1808
20	43025-2008
22	43025-2208
24	43025-2408

CKT. NO.	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)



HOUSING SHOWN WITH
FIRST CIRCUIT IDENTIFIER RIB
(SEE NOTE #11)



MATED MICRO-FIT CONNECTOR

RECEPTACLE #43025-****

PLUG #43020-****

NOTES:

- 1) HOUSING MATERIAL: UNFILLED NYLON, RATED UL 94V-0, COLOR IS BLACK, (LOW HALOGEN)
- 2) FINISH: N/A
- 3) PRODUCT SPECIFICATION: PS-43045
- 4) PACKAGING SPECIFICATION: PK-43025-001
- 5) THIS RECEPTACLE MATES WITH 43020, 43045
- 6) THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL SERIES 43030 OR 46235. SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
- 7) FOR OVERMOLDING PARAMETERS SEE APPLICATION SPECIFICATION 430250000-AS
- 8) TOP PULL TABS ARE NOT AVAILABLE ON 2 AND 4 CIRCUIT PARTS
- 9) 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.
- 10) SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY
- 11) HOUSINGS HAVE EITHER AN IDENTIFIER RIB OR ENGRAVED "1" SYMBOL TO INDICATE CIRCUIT #1. IDENTIFIER TYPE IS TOOL DEPENDENT AND NOT SELECTABLE.
- 12) DIMENSION 'A' MEASURED AT DATUM -A-
- 13) THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- 14) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

SEE NOTE 8

CIRCUIT 1

.076
(1.93)
TYP.

.118
(3.00)
TYP.

"A"
(SEE NOTE 12)

CIRCUIT 2

.270
(6.85)
REF.

FIRST CIRCUIT
IDENTIFER SYMBOL
(SEE NOTE #11)

43025

.326
(8.28)
(CKT SIZES 6-24)

LAST CIRCUIT
.076 TYP.
(1.93)

.118
(3.00) TYP.

.028 TYP.
0.71
(CKT SIZES 2 & 4)

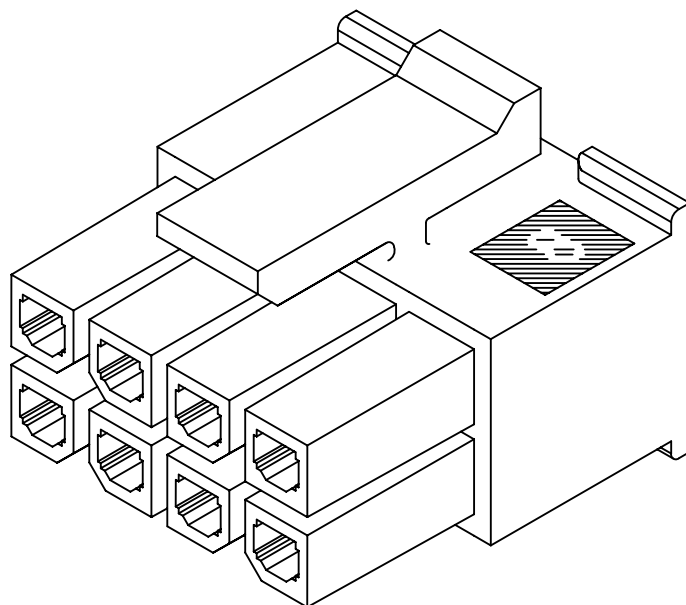
CIRCUIT 2

CIRCUIT 1

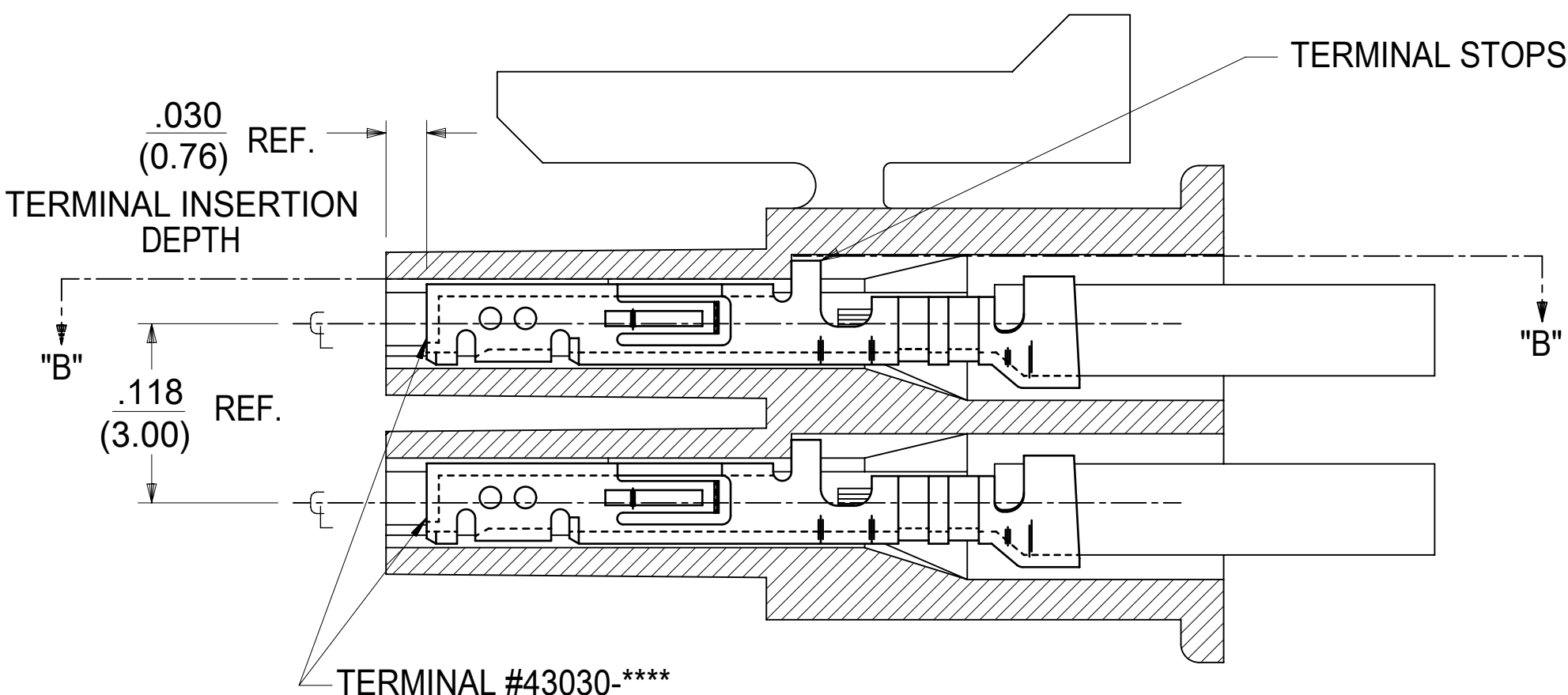
2 CIRCUIT HOUSING

.028 TYP.
0.71
(CKT SIZES 2 & 4)

4 CIRCUIT PULL TAB GEOMETRY



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



.030
(0.76) REF.

TERMINAL INSERTION
DEPTH

.118
(3.00) REF.

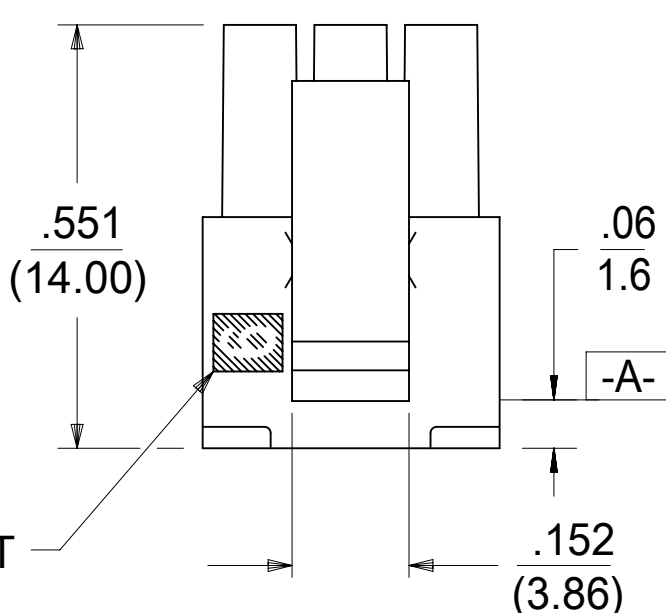
TERMINAL #43030-****

TERMINAL STOPS

SECTION "A"-"A"
WITH TERMINAL

(SCALE 10:1)

LAST CIRCUIT



SECTION "B"-"B"

(SCALE 10:1)

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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE NOTE 7			molex MICRO-FIT (3.0) RECEPTACLE, LOW HALOGEN DUAL ROW / 2 THRU 24 CIRCUIT									
	IN/MM		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
			MM					INCH		PRODUCT CUSTOMER DRAWING							
	4 PLACES		±	±													
	3 PLACES		±	± 0.01													
	2 PLACES		± 0.25	± 0.014				DOCUMENT NUMBER SD-43025-001 SEE CHART									
	1 PLACE		± 0.35	±									DOC TYPE		DOC PART		REVISION
	0 PLACES		±	±									PSD		001		A8
	ANGULAR TOL		± 0.5 °					MATERIAL NUMBER SEE CHART									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NUMBER 1 OF 1													
THIRD ANGLE PROJECTION																	
				DRAWING D-SIZE		SERIES 43025											