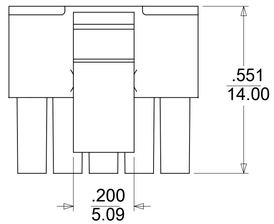
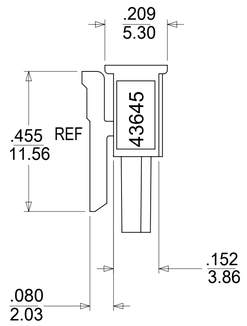
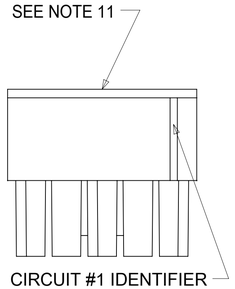
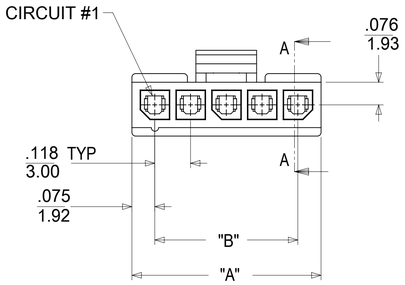
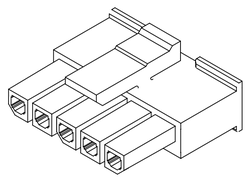
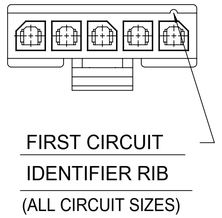




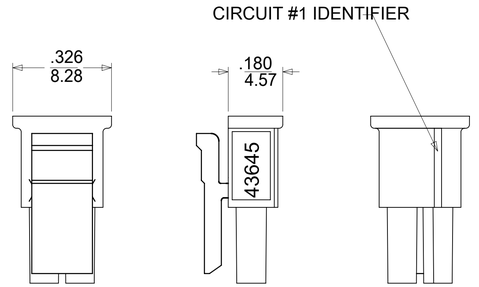


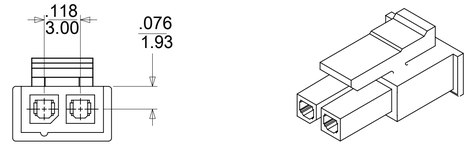






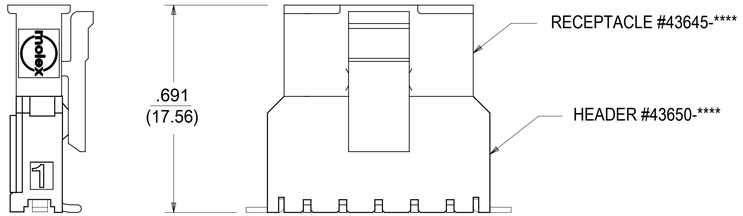
(3-12 CIRCUIT HOUSING)



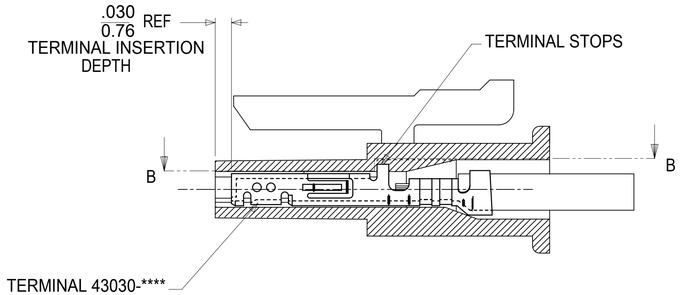


(2 CIRCUIT HOUSING)

ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"	MATERIAL
43645-0200	02	SEE DETAIL	.118/(3.00)	"B" SEE NOTE 14
43645-0300	03	.388/(9.85)	.236/(6.00)	
43645-0400	04	.506/(12.85)	.354/(9.00)	"A"
43645-0500	05	.624/(15.85)	.472/(12.00)	
43645-0600	06	.742/(18.85)	.591/(15.00)	
43645-0700	07	.860/(21.85)	.709/(18.00)	
43645-0800	08	.978/(24.85)	.827/(21.00)	
43645-0900	09	1.096/(27.85)	.945/(24.00)	
43645-1000	10	1.215/(30.85)	1.063/(27.00)	
43645-1100	11	1.333/(33.85)	1.181/(30.00)	
43645-1200	12	1.451/(36.85)	1.299/(33.00)	

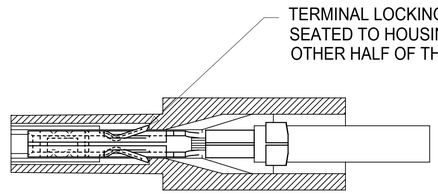


MATED MICRO-FIT CONNECTOR



SECTION "A"-"A"

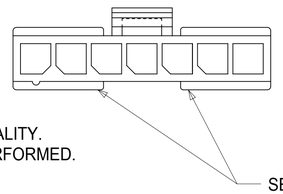
SHOWN WITH TERMINAL INSTALLED



SECTION "B"-"B"

NOTES:

1. HOUSING MATERIAL:
   "A" - UNFILLED POLYESTER, RATED U.L. 94V-0, COLOR IS BLACK.
   "B" - UNFILLED NYLON, RATED U.L. 94V-0, HALOGEN-FREE, COLOR IS BLACK.
2. FINISH : N/A
3. PRODUCT SPECIFICATION : PS-43650
4. PACKAGING SPECIFICATION: PK-43645-001
5. THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS SERIES 43030 OR 46235,
6. SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
7. FOR OVERMOLDING PARAMETERS SEE APPLICATION SPECIFICATION 430250000-AS.
8. THIS RECEPTACLE MATES WITH MOLEX PCB HEADER 43650 SERIES AND MOLEX PLUG 43640 SERIES (WIRE TO WIRE APPLICATIONS).
9. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.
10. MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG, SERIES 44242-**** WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS FOR HARNESS TESTING PURPOSES.
11. THIS RIB IS DISCONTINUOUS ON CIRCUIT SIZES 7 THROUGH 12
12. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
13. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
14. PARTS MADE FROM MATERIAL "B" ARE CONSTRUCTED TO MEET THE REQUIREMENT FOR DIRECT SUPPORT OF UNINSULATED LIVE PARTS AS DESCRIBED IN UL61800-5-1.



THIS DRAWING REPLACES DRAWING SDA-43645-++++.

DOCUMENT STATUS	P1	RELEASE DATE	2022/10/17	15:33:50

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

FUNCTIONAL SYMBOLS: = 0; = 0; = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM

SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.35	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD NOTE 14

EC NO: 724017

DRWN: RICARC13 2022/09/14

CHK'D: FSMITH 2022/10/17

APPR: FSMITH 2022/10/17

INITIAL REVISION:

DRWN: A.F.G 1995/11/15

APPR: R.J.F 1995/11/15

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 43645 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

molex

MICRO-FIT (3.0) RECEPTACLE, SINGLE ROW
2 THRU 12 CIRCUIT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
436450000-SD	PSD	000	A1