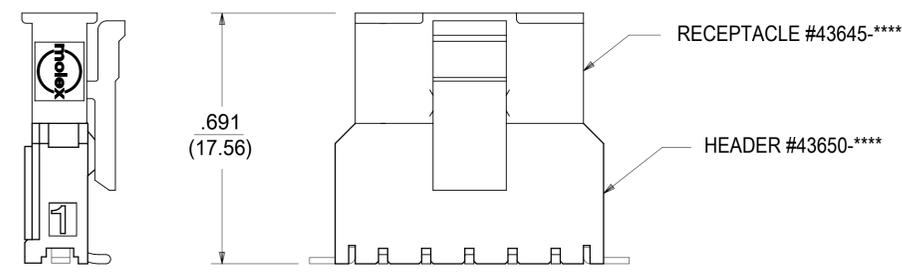
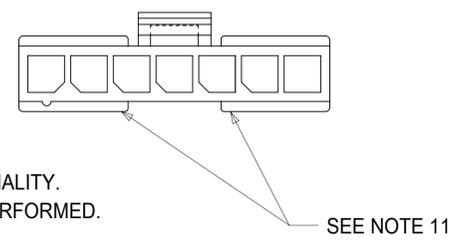


**(3-12 CIRCUIT HOUSING)**

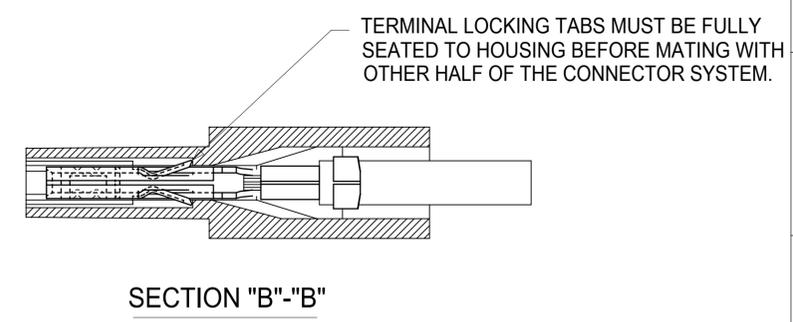
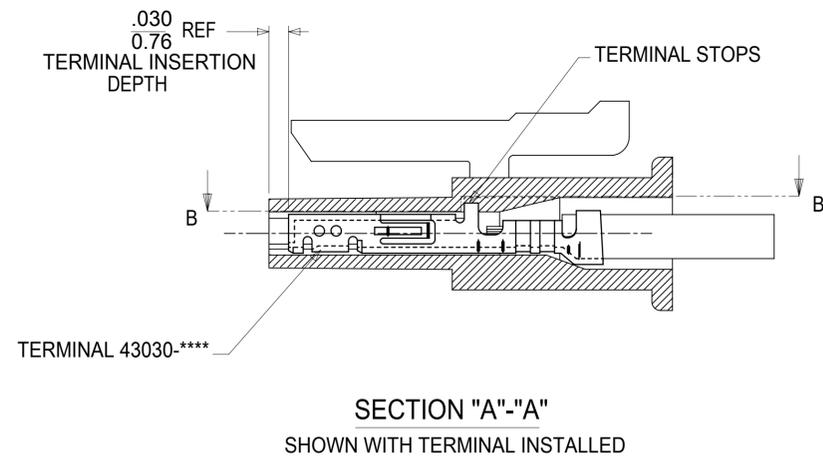
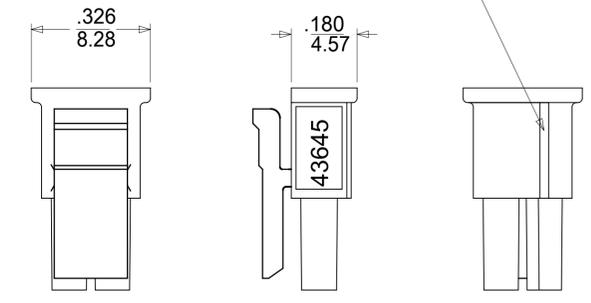


**MATED MICRO-FIT CONNECTOR**

- NOTES:**
- 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.
  - FINISH : N/A
  - PRODUCT SPECIFICATION : PS-43650
  - PACKAGING SPECIFICATION: PK-43645-001
  - THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS SERIES 43030 OR 46235,
  - SEE SECTION "A"."A" FOR TERMINAL ORIENTATION IN HOUSING.
  - FOR OVERMOLDING PARAMETERS SEE APPLICATION SPECIFICATION 430250000-AS.
  - THIS RECEPTACLE MATES WITH MOLEX PCB HEADER 43650 SERIES AND MOLEX PLUG 43640 SERIES (WIRE TO WIRE APPLICATIONS).
  - SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.
  - 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.
  - THIS RIB IS DISCONTINUOUS ON CIRCUIT SIZES 7 THROUGH 12
  - PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.



**(2 CIRCUIT HOUSING)**



ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"	MATERIAL
43645-0200	02	SEE DETAIL	.118/(3.00)	"B"
43645-0300	03	.388/(9.85)	.236/(6.00)	
43645-0400	04	.506/(12.85)	.354/(9.00)	
43645-0500	05	.624/(15.85)	.472/(12.00)	"A"
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)	

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

SYMBOLS: DIMENSION UNITS: IN/MM, SCALE: 4:1, CURRENT REV DESC: INITIAL RELEASE

GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ±, 3 PLACES ±, 2 PLACES ±, 1 PLACE ±, 0 PLACES ±

EC NO: 168740, DRWN: AZAHIROVIC, 2018/03/13, CHK'D: SSOUSEK, 2018/06/01, APPR: FSMITH, 2018/06/01

INITIAL REVISION: DRWN: A.F.G, 1995/11/15, APPR: R.J.F, 1995/11/15

ANGULAR TOL ± 0.5°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION, D-SIZE, 43645

DOCUMENT NUMBER: 436450000-SD, DOC TYPE: PSD, DOC PART: 000, REVISION: A

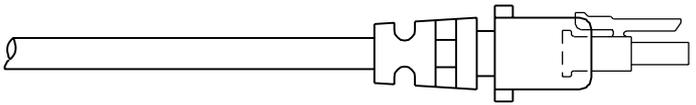
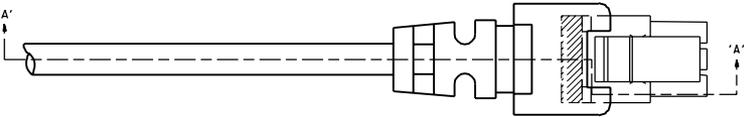
PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER: SEE CHART, CUSTOMER: GENERAL MARKET, SHEET NUMBER: 1 OF 1

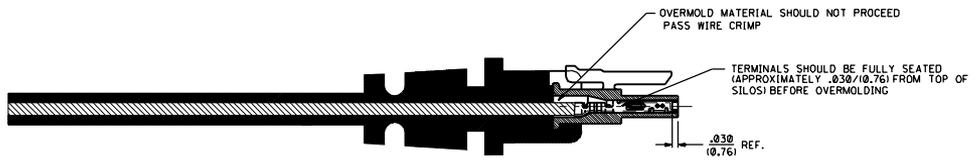
THIS DRAWING REPLACES DRAWING SDA-43645-++++.

NOTES:

- 1) OVERMOLDED MATERIAL SHOULD NOT ENCAPSULATE THE TERMINAL IN AND AROUND THE WIRE CRIMP AREA.
- 2) TERMINALS MUST BE CENTERED AND PERPENDICULAR INSIDE THE RECEPTACLE HOUSING BEFORE AND AFTER OVERMOLDING.
- 3) DEVICE USED TO CENTER TERMINALS MUST NOT EXCEED .020 SQUARE IN ORDER TO PREVENT TERMINAL DEFORMATION.
- 4) OVERMOLD TOOLING MUST NOT DAMAGE INTERNAL OR EXTERNAL FEATURES OF CABLE ASSEMBLY.
- 5) THE OVERMOLDING TEMPERATURES DURING PROCESSING MUST NOT EXCEED 328°F
- 6) REMOVAL OF CABLE ASSEMBLY FROM THE TOOLING MUST NOT IN ANY WAY DAMAGE THE SUPPLIED COMPONENTS.
- 7) MOLEX IS RESPONSIBLE ONLY FOR COMPONENTS SUPPLIED TO THE OVERMOLDER, BUT NOT FOR NONCONFORMANCES INDUCED DURING THE OVERMOLDING PROCESS, SUCH AS OVERMOLD MATERIAL IN THE CONTACT AREA, TERMINALS THAT ARE EITHER OUT OF CENTER OR LACK OF TERMINAL MOBILITY AFTER BEING OVERMOLDED, AND ANY DEFORMATION TO TERMINALS OR HOUSINGS IN GENERAL.



TERMINALS MUST BE CENTERED IN RECEPTACLE PRIOR TO OVERMOLDING



SECTION 'A'-'A'

A FINAL RELEASE ECN# US-1018 96-82-26 A.0021K

REV. LTR. REVISIONS

DIMENSIONS SHOWN UNLESS NOTED OTHERWISE		REVISE ONLY ON CAD SYSTEM	
1. UNLESS NOTED OTHERWISE	2. UNLESS NOTED OTHERWISE	TITLE MICRO-FIT (3.0) SINGLE ROW OVERMOLDING SPECIFICATIONS	
3. UNLESS NOTED OTHERWISE	4. UNLESS NOTED OTHERWISE	MOLEX INCORPORATED	
5. UNLESS NOTED OTHERWISE	6. UNLESS NOTED OTHERWISE	PART NO. NONE	
7. UNLESS NOTED OTHERWISE	8. UNLESS NOTED OTHERWISE	DRAWING NO. SDES-43645-1000	
9. UNLESS NOTED OTHERWISE	10. UNLESS NOTED OTHERWISE	DATE 02/26/96	
11. UNLESS NOTED OTHERWISE	12. UNLESS NOTED OTHERWISE	DRAWN BY BAP	
13. UNLESS NOTED OTHERWISE	14. UNLESS NOTED OTHERWISE	SCALE 4:1	
15. UNLESS NOTED OTHERWISE	16. UNLESS NOTED OTHERWISE	FOR ORDERING CONTACT MOLEX INC. 1300 N. GARDEN AVENUE, PITTSBURGH, PA 15230	
17. UNLESS NOTED OTHERWISE	18. UNLESS NOTED OTHERWISE	MOLX INC. 1300 N. GARDEN AVENUE, PITTSBURGH, PA 15230	