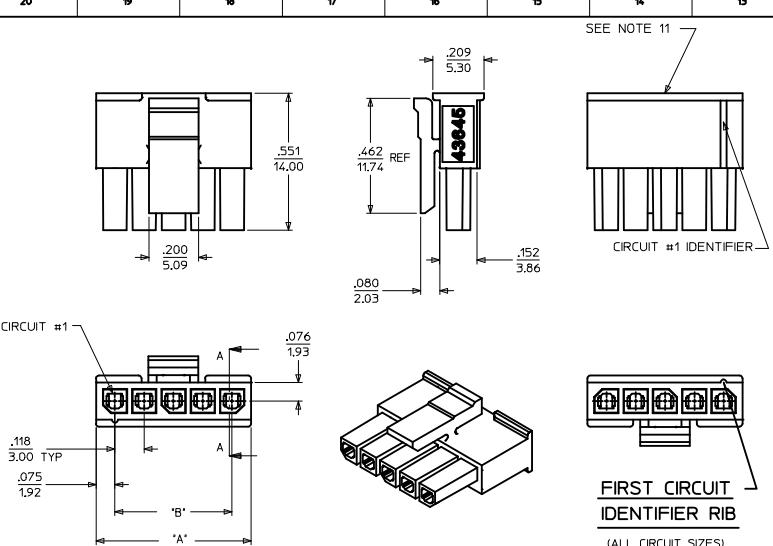
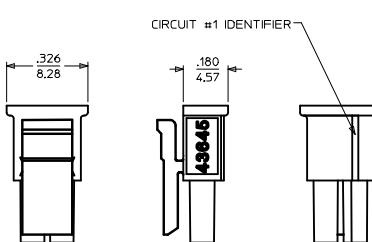


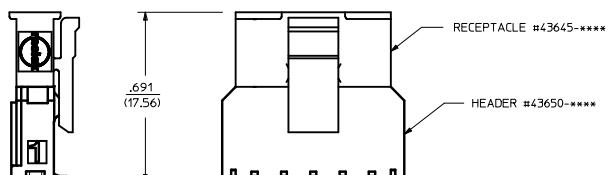
ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"	MATERIAL
43645-0200	02	SEE DETAIL	.118/(13.00)	"B"
43645-0300	03	.388/(9.85)	.236/(6.00)	
43645-0400	04	.506/(12.85)	.354/(9.00)	
43645-0500	05	.624/(15.85)	.472/(12.00)	
43645-0600	06	.742/(18.85)	.591/(15.00)	
43645-0700	07	.860/(21.85)	.709/(18.00)	
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)	



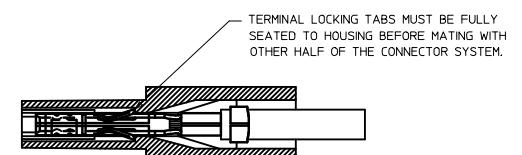
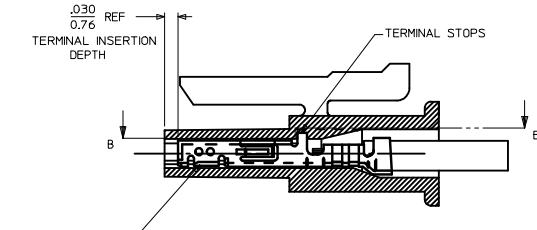
(3-12 CIRCUIT HOUSING)



(2 CIRCUIT HOUSING)



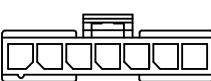
MATED MICRO-FIT CONNECTOR



SECTION "B"- "E"

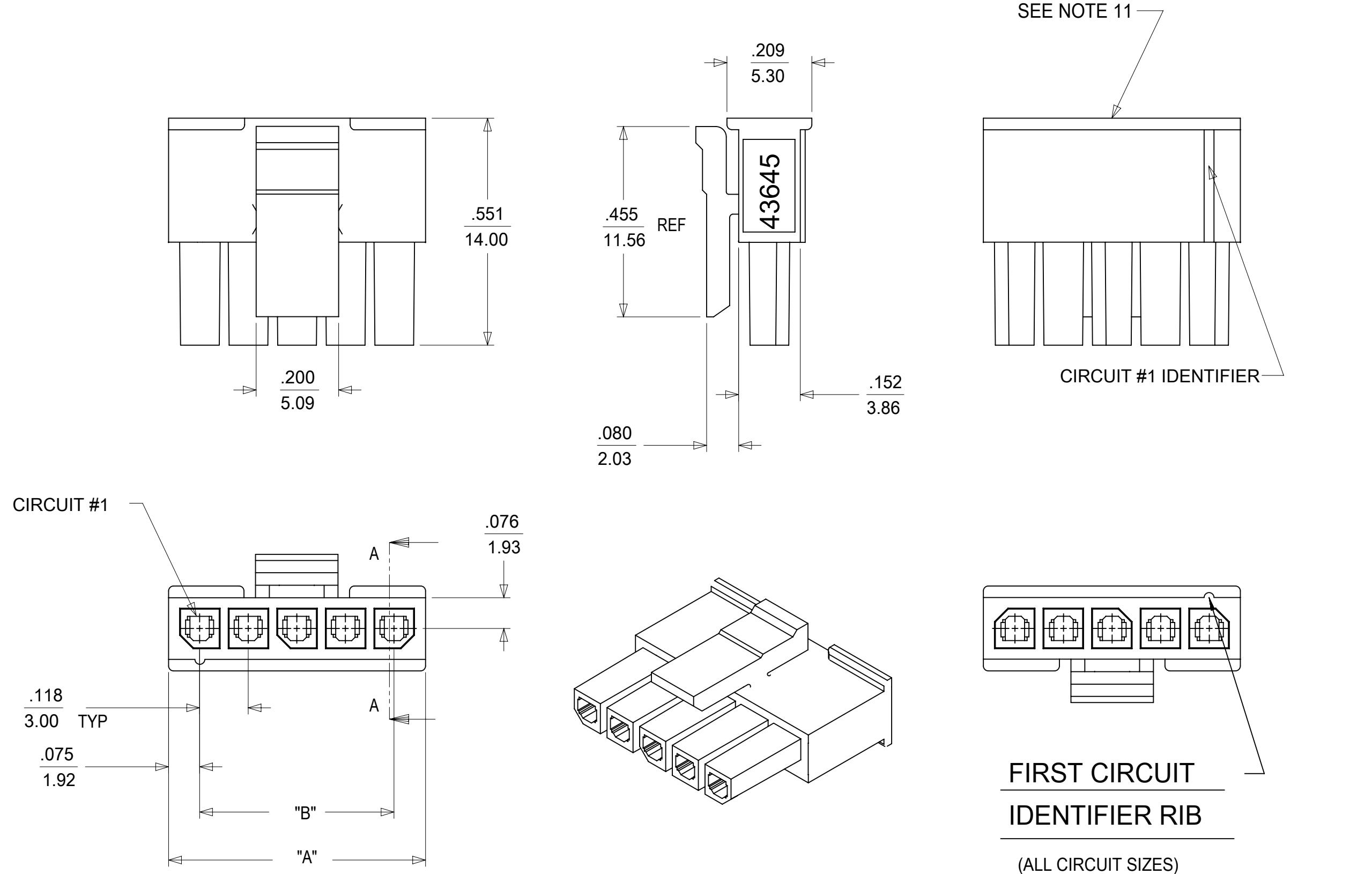
NOTES

1. HOUSING MATERIAL:
 - 'A' - UNFILLED POLYESTER, RATED UL, 94V-0, COLOR IS BLACK.
 - 'B' - UNFILLED NYLON, RATED UL, 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 ONLY.
SEE MOLEX DRAWING SD-43030-**** FOR SPECIFICATIONS.
6. SEE SECTION "A"-A" FOR TERMINAL ORIENTATION IN HOUSING.
7. FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
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.

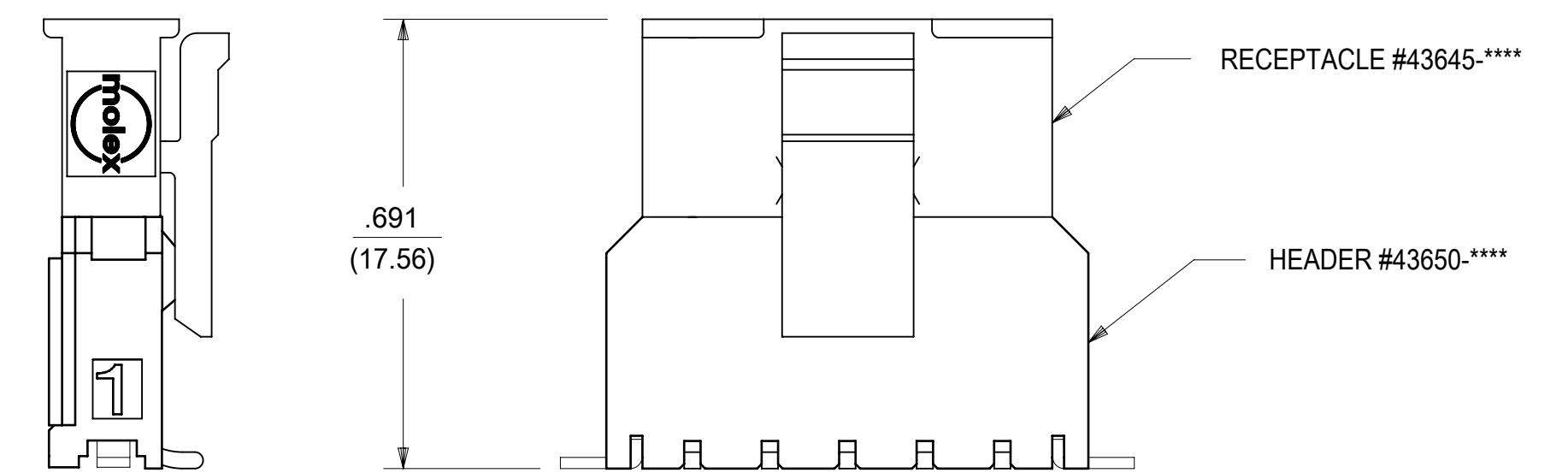


SEE NOTE 11

4	3	2	1	
ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"	MATERIAL
3645-0200	02	SEE DETAIL	.118/(3.00)	"B"
3645-0300	03	.388/(9.85)	.236/(6.00)	
3645-0400	04	.506/(12.85)	.354/(9.00)	
3645-0500	05	.624/(15.85)	.472/(12.00)	
3645-0600	06	.742/(18.85)	.591/(15.00)	
3645-0700	07	.860/(21.85)	.709/(18.00)	
3645-0800	08	.978/(24.85)	.827/(21.00)	
3645-0900	09	1.096/(27.85)	.945/(24.00)	
3645-1000	10	1.215/(30.85)	1.063/(27.00)	
3645-1100	11	1.333/(33.85)	1.181/(30.00)	
3645-1200	12	1.451/(36.85)	1.299/(33.00)	"A"



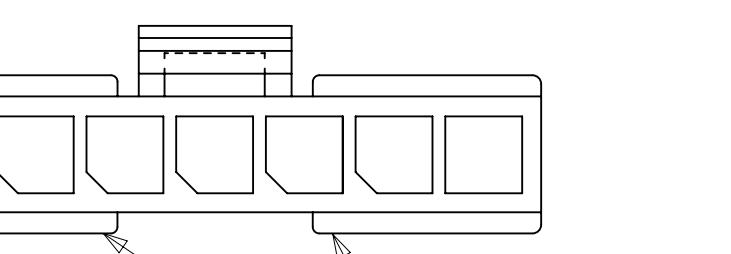
(3-12 CIRCUIT HOUSING)



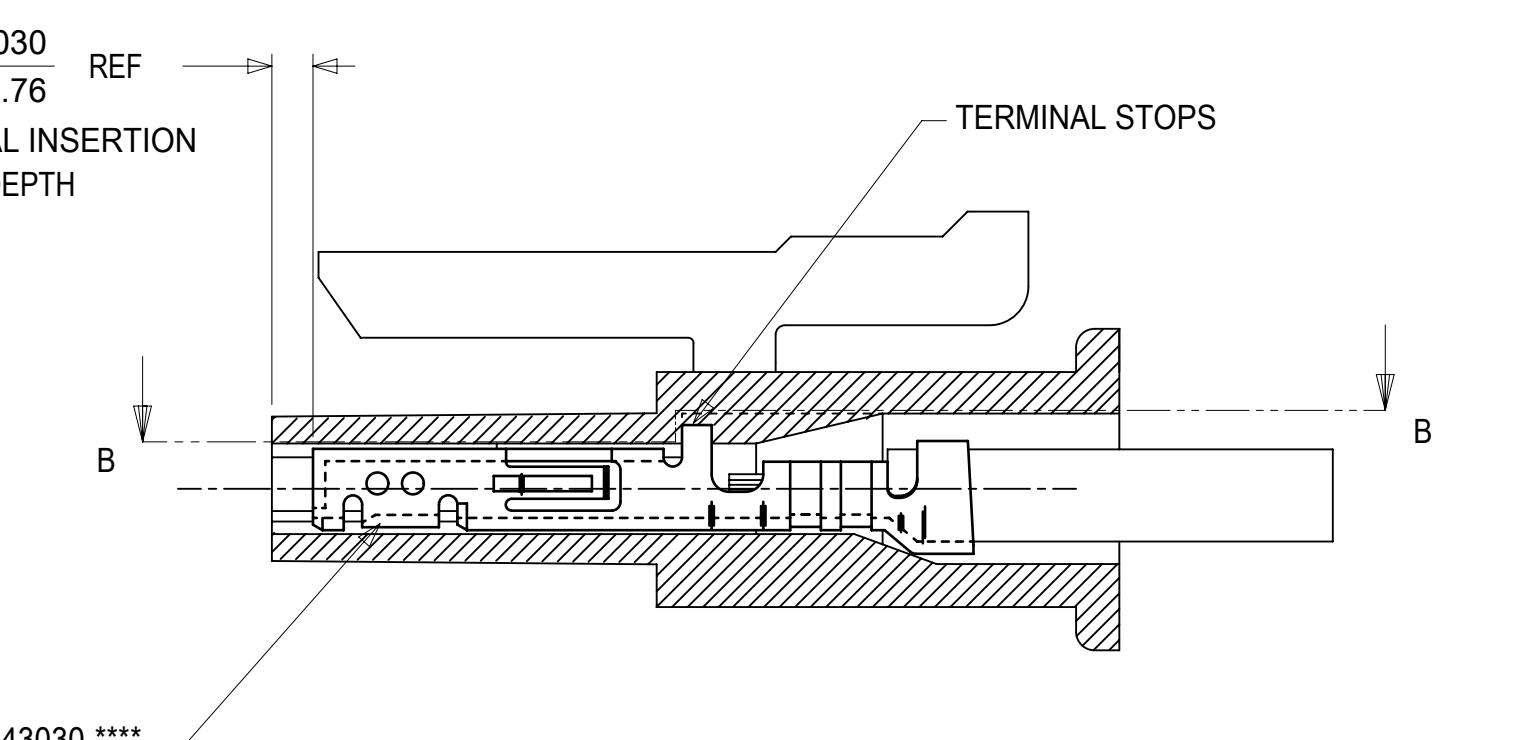
MATED MICRO-FIT CONNECTOR

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,
SEE MOLEX DRAWING SD-43030-**** OR SD-46235-001 FOR SPECIFICATIONS.
6. SEE SECTION "A"- "A" FOR TERMINAL ORIENTATION IN HOUSING.
7. FOR OVERTMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
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.

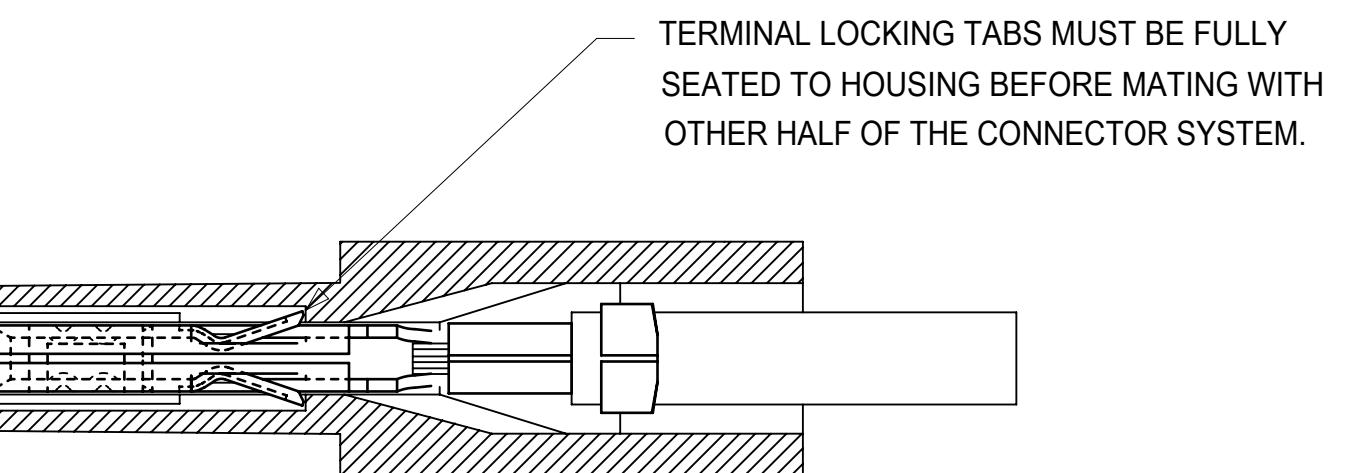


1

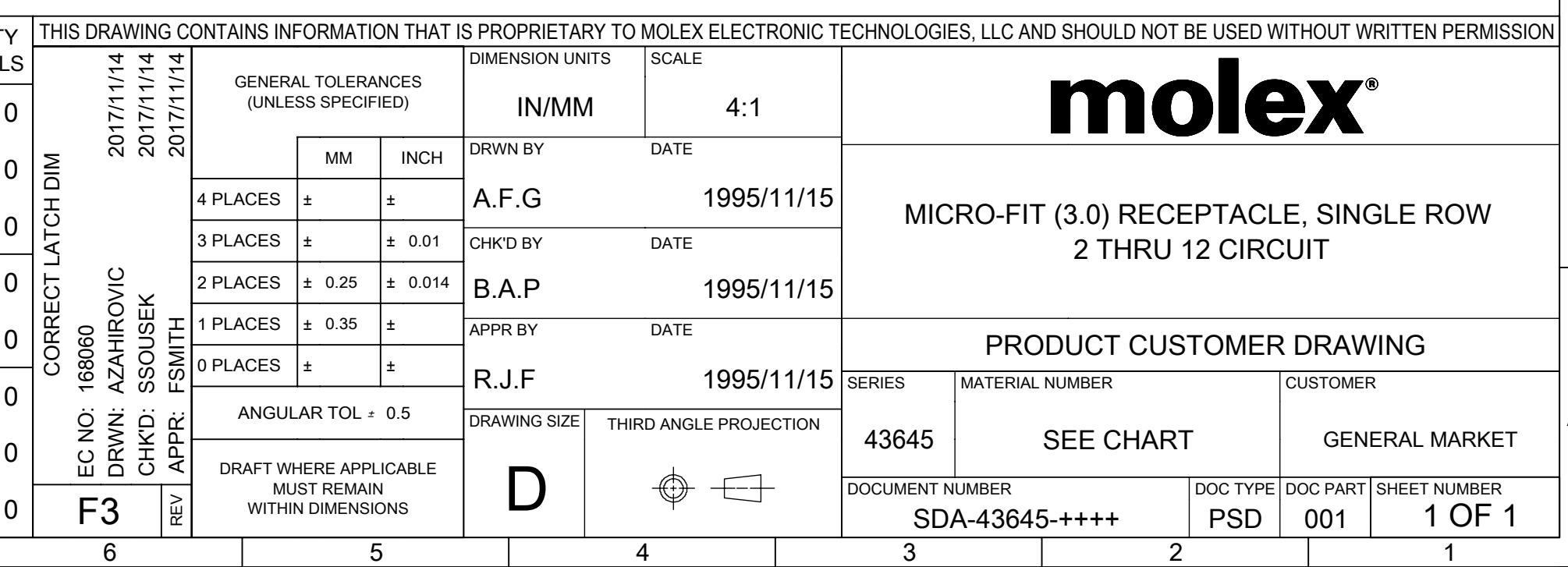


"A"- "A"

WITH TERMINAL INSTALLED

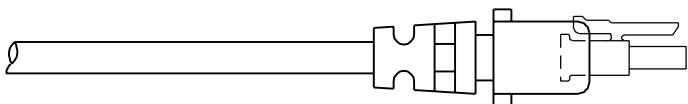
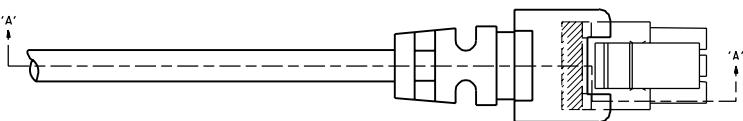


SECTION "B"- "B"



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 OVERMOLEDFER, BUT NOT FOR NON-MOLEX COMPONENTS USED 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'