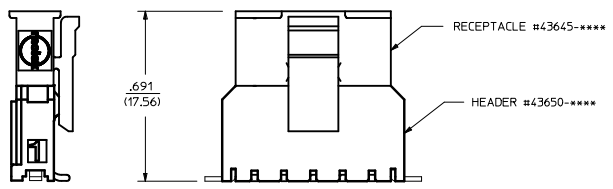


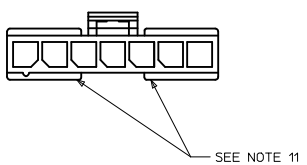
(3-12 CIRCUIT HOUSING)



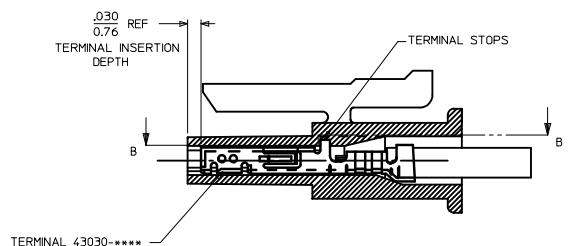
MATED MICRO-FIT CONNECTOR

NOTES:

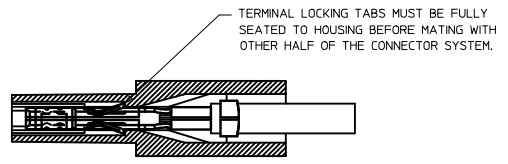
- HOUSING MATERIAL:
"A" - UNFILLED POLYESTER, RATED UL, 94V-0, COLOR IS BLACK.
"B" - UNFILLED NYLON, RATED UL, 94V-0, HALOGEN-FREE, COLOR IS BLACK.
FINISH : N/A
- PRODUCT SPECIFICATION : PS-43650
- PACKAGING SPECIFICATION: PK-43645-001
- THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS ONLY. SEE MOLEX DRAWING SD-43030-**** FOR SPECIFICATIONS.
- SEE SECTION "A"- "A" FOR TERMINAL ORIENTATION IN HOUSING.
- FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDS-43025-1000.
- 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.







(2 CIRCUIT HOUSING)

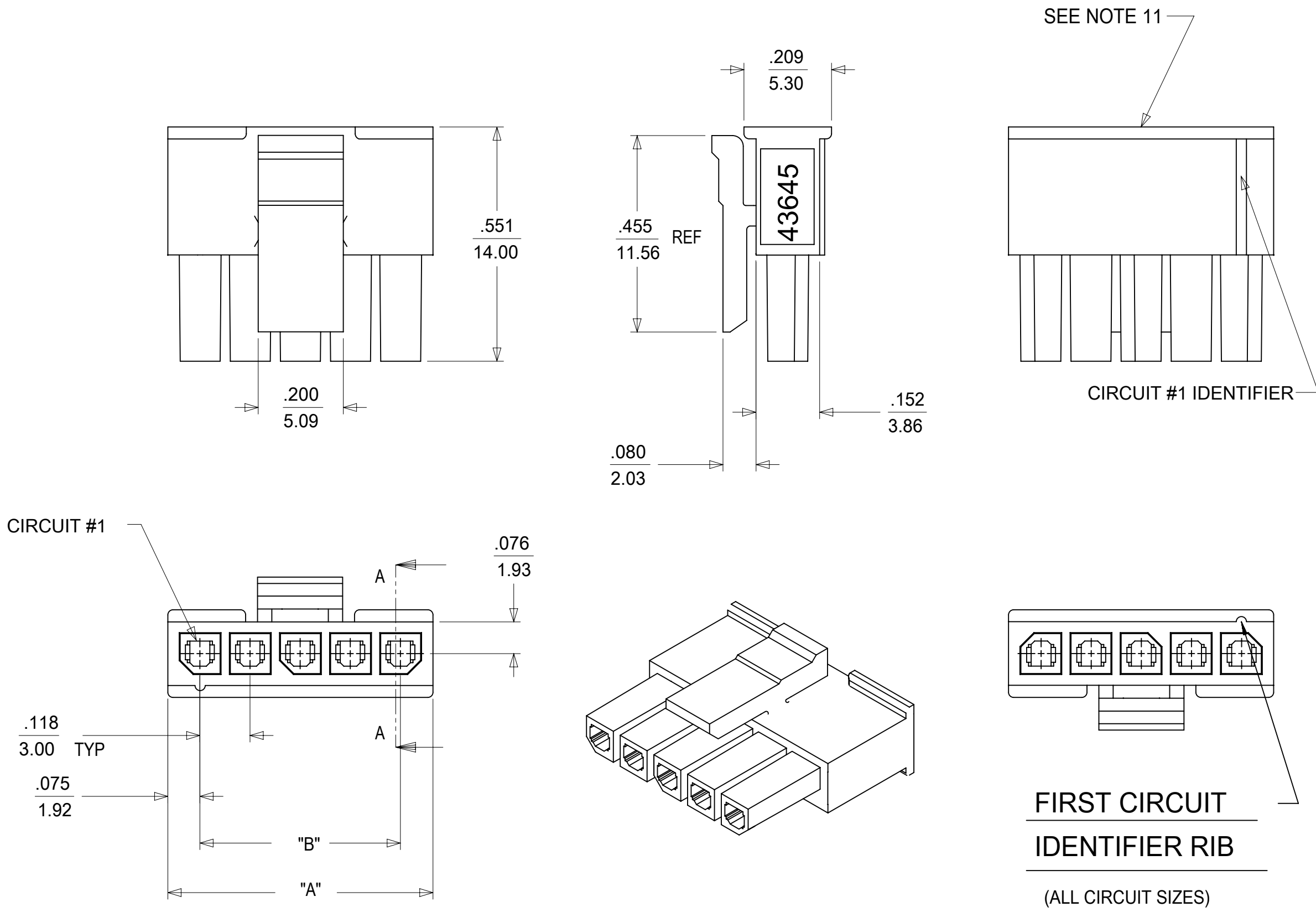


SECTION "A"- "A"

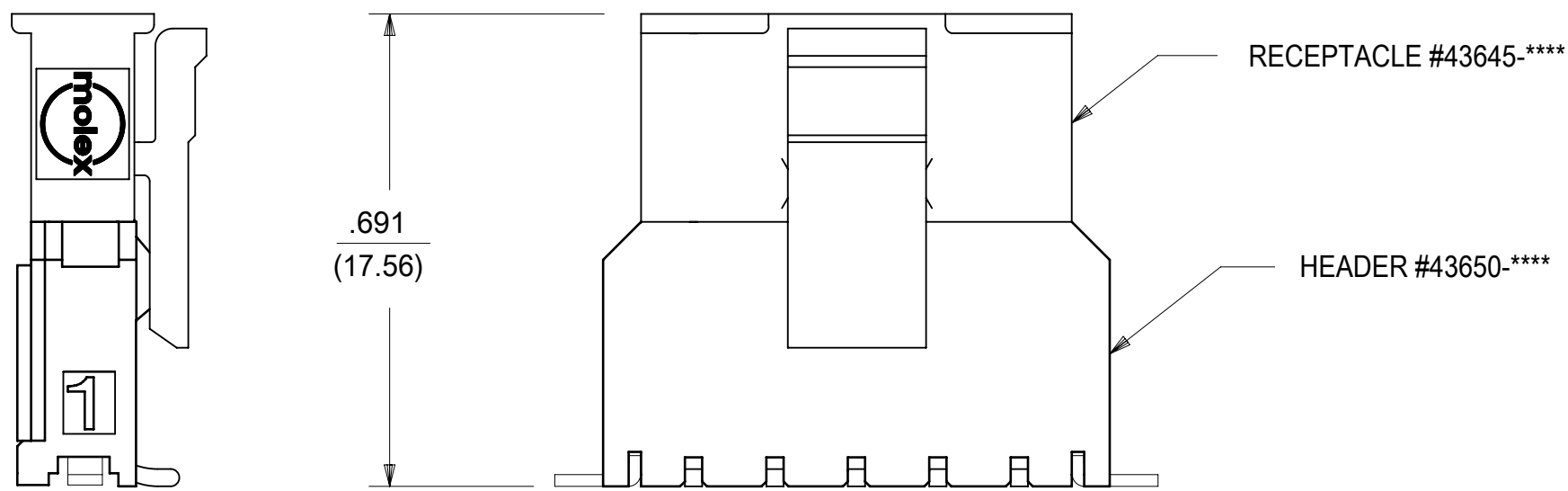


SECTION "B"- "B"

ADD PK SPEC EC NO. UICP2012-450 DRAWING NO. 2012-450 CHKD:SSO/SEK APPROV:SMTH 2012/07/03 2012/07/05 2012/07/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				IN/MM		4:1	METRIC			
	 =0	4 PLACES	± .010	± .010	DRAWN BY	DATE	TITLE			
	 =0	3 PLACES	± .025	± .010	CHECKED BY		DATE		MICRO-FIT (3.0)	
	 =0	2 PLACES	± .035	± .014	A.P.		DATE		2 THRU 12 SINGLE ROW	
		1 PLACE	± .035	± .014	APPROVED BY		DATE		RECEPTACLE	
		0 PLACE	± .035	± .014	R. J. F.		DATE		molex	
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE		SEE CHART		SDA-43645-****		1 OF 1		
	F2	REV	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



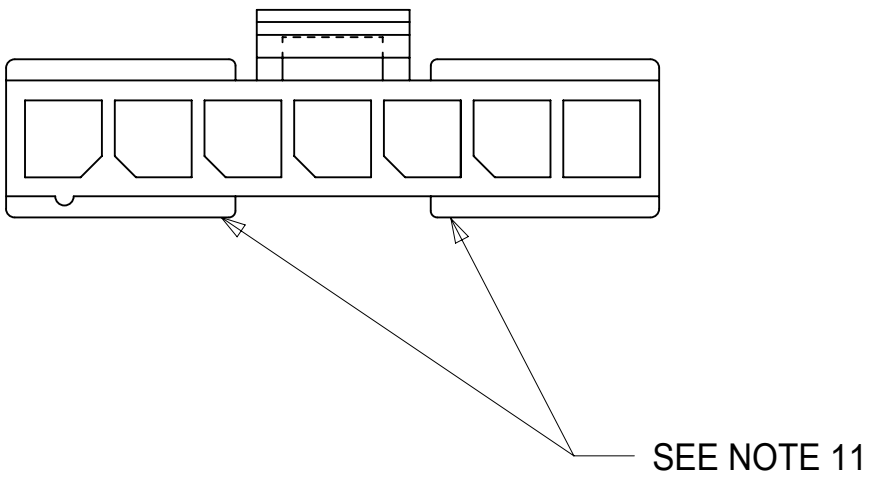
(3-12 CIRCUIT HOUSING)



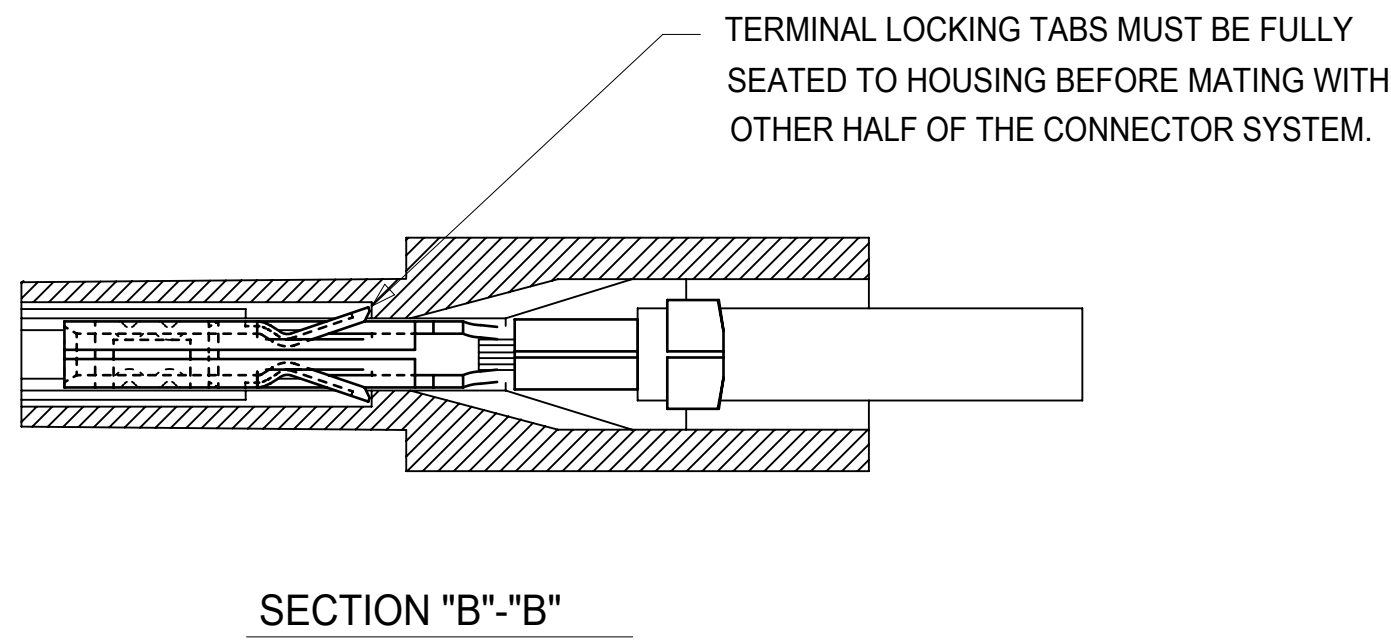
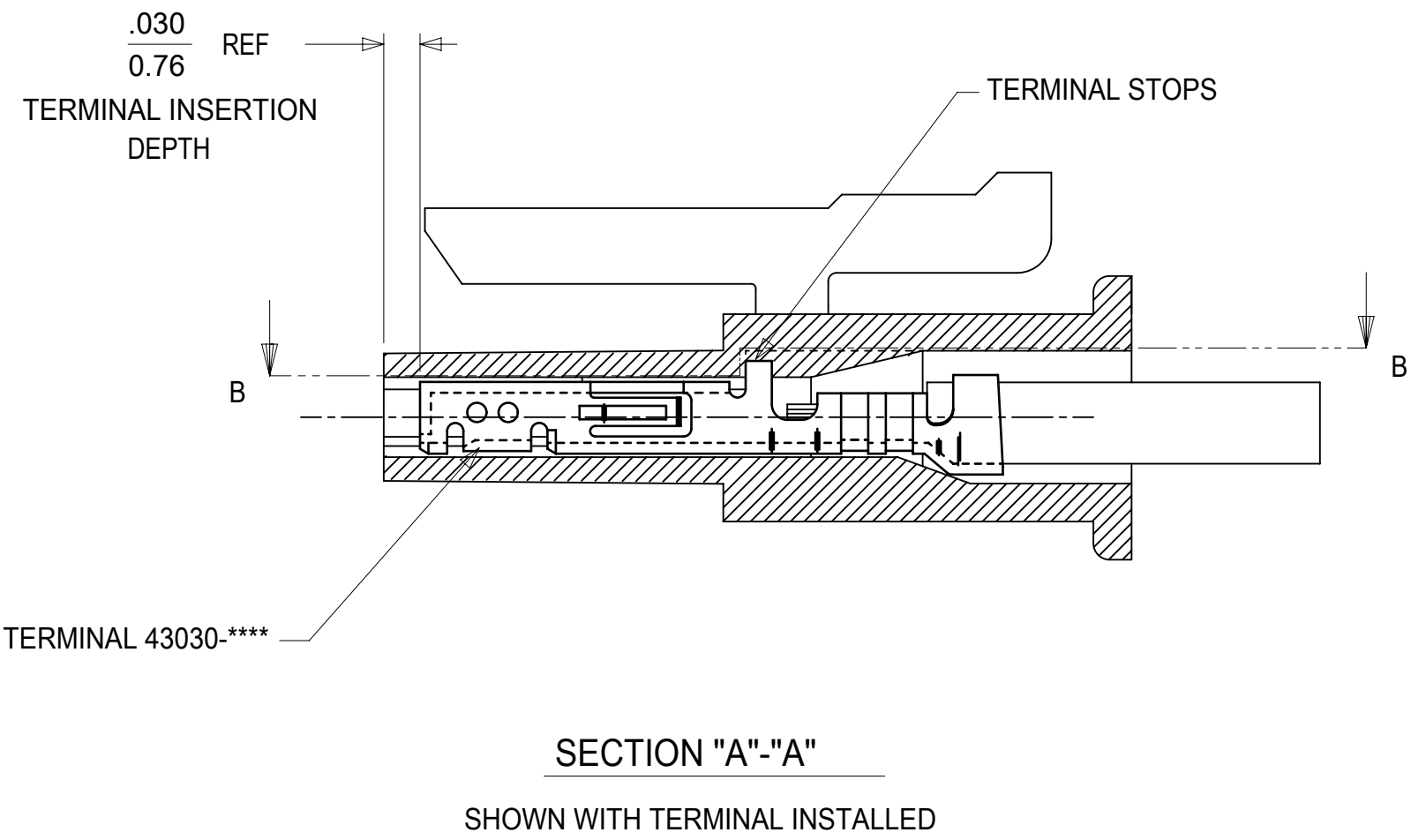
MATED MICRO-FIT CONNECTOR

NOTES:

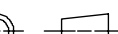
- HOUSING MATERIAL:
"A" - UNFILLED POLYESTER, RATED U.L. 94V-0, COLOR IS BLACK.
"B" - UNFILLED NYLON, RATED U.L. 94V-0, HALOGEN-FREE, COLOR IS BLACK.
- FINISH : N/A
- PRODUCT SPECIFICATION : PS-43650
- PACKAGING SPECIFICATION: PK-43645-001
- THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS SERIES 43030 OR 46235, SEE MOLEX DRAWING SD-43030-**** OR SD-46235-001 FOR SPECIFICATIONS.
- SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
- FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
- 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.



(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)	"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)	

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
<div>▽ = 0</div> <div>▽ = 0</div> <div>▽ = 0</div> <div>▽ = 0</div> <div>▽ = 0</div> <div>☒ = 0</div> <div>■ = 0</div> <div>▽ = 0</div>	CORRECT LATCH DIM	EC NO: 168060 2017/11/14 DRWN: AZAHROVIC CHKD: SSOUSEK REV/ APPR: FSMITH	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		<div>molex®</div> <div>MICRO-FIT (3.0) RECEPTACLE, SINGLE ROW 2 THRU 12 CIRCUIT</div>										
				IN/MM		4:1												
							MM	INCH	DRWN BY		DATE							
				4 PLACES ± ±		A.F.G		1995/11/15										
				3 PLACES ± ± 0.01		CHK'D BY		DATE										
				2 PLACES ± 0.25 ± 0.014		B.A.P		1995/11/15		PRODUCT CUSTOMER DRAWING								
				1 PLACES ± 0.35 ±		APPR BY		DATE										
				0 PLACES ± ±		R.J.F		1995/11/15										
				ANGULAR TOL ± 0.5		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				43645		SEE CHART		GENERAL MARKET								
						DOCUMENT NUMBER		SDA-43645-++++		DOC TYPE		PSD		DOC PART		SHEET NUMBER		
												001				1 OF 1		

