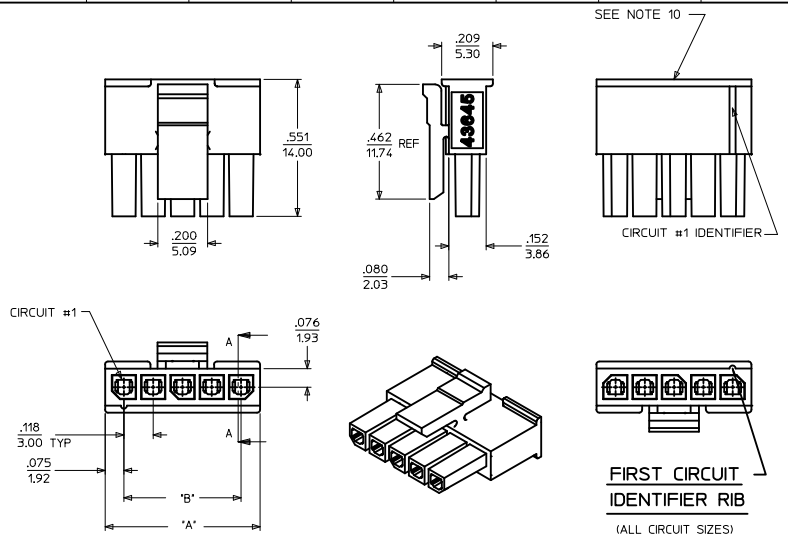
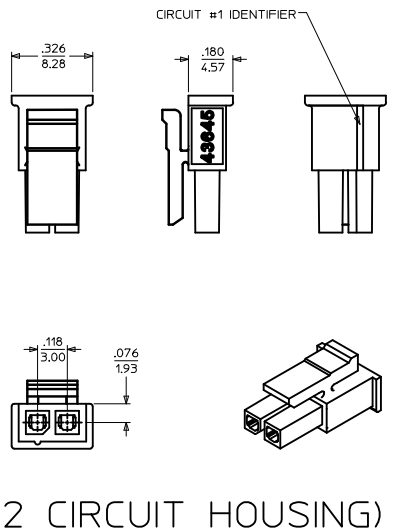
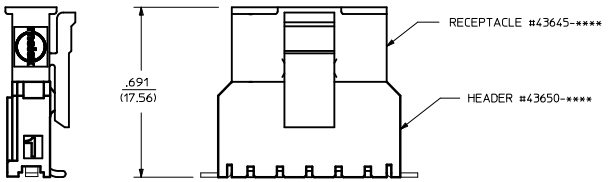


(3-12 CIRCUIT HOUSING)

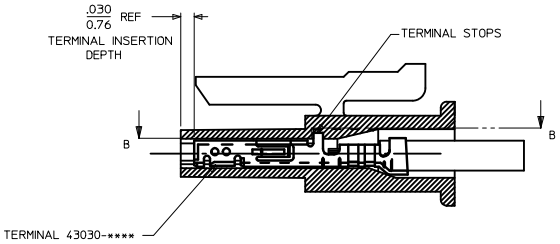


(2 CIRCUIT HOUSING)

ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"	MATERIAL
43645-0200	02	SEE DETAIL	.118/(3.00)	"B"
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)	

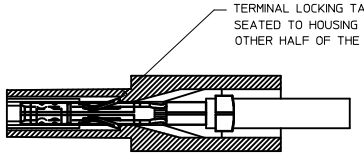


MATED MICRO-FIT CONNECTOR

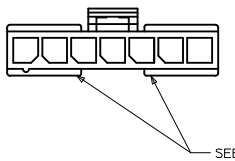


SECTION "A"-"A"

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 6, RATED U.L. 94V-0, HALOGEN-FREE AND IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR IS BLACK.
   * MATERIAL "B" PARTS ARE IDENTIFIED WITH A GREEN LABEL OR A GREEN DOT ON A WHITE LABEL. PART NUMBERS LISTED AS "B" MATERIAL BUT MANUFACTURED PRIOR TO 8/30/2010 OR NOT CONTAINING THIS "GREEN" IDENTIFICATION MAY BE MATERIAL "A".
2. FINISH : N/A
3. PRODUCT SPECIFICATION : PS-43650
4. THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS ONLY, SEE MOLEX DRAWING SD-43030-**** FOR SPECIFICATIONS.
5. SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
6. FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
7. THIS RECEPTACLE MATES WITH MOLEX PCB HEADER 43650 SERIES AND MOLEX PLUG 43640 SERIES (WIRE TO WIRE APPLICATIONS).
8. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.
9. 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.
10. THIS RIB IS DISCONTINUOUS ON CIRCUIT SIZES 7 THROUGH 12
11. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ADD NYLON MATL
EC NO: UCP2011-0996 2010/09/30
DRWN:GMARANANI 2010/09/30
CHKD:SSOUSEK
APPR:FSMITH
DESCRIPTION
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	A.F.G.	1995/11/15
CHECKED BY	B.A.P.	1995/11/15
APPROVED BY	R.J.F.	1995/11/15

TITLE: MICRO-FIT (3.0) 2 THRU 12 SINGLE ROW RECEPTACLE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43645-****
SHEET NO.: 1 OF 1
SIZE: D

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