

## Excellent Integrated System Limited

Stocking Distributor

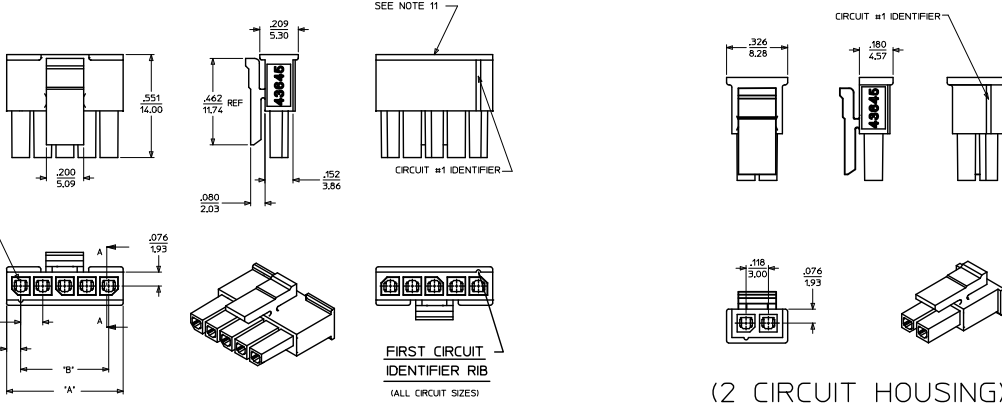
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0436450300](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

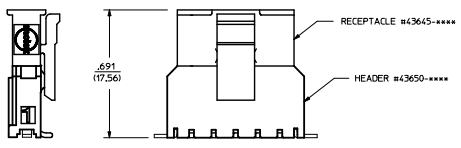
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



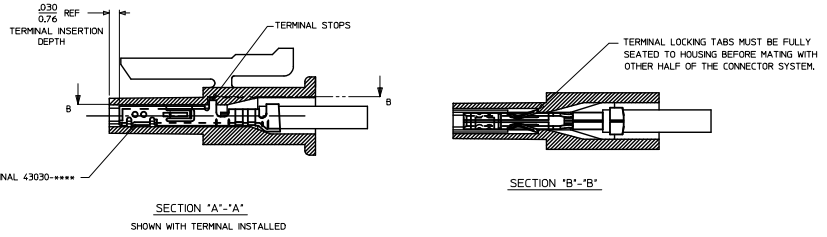
ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"	MATERIAL
43645-0200	02	SEE DETAIL	.118/(3.00)	"B"
43645-0300	03	.988/(9.85)	.236/(6.00)	
43645-0400	04	.506/(12.85)	.354/(9.00)	
43645-0500	05	.624/(15.85)	.472/(12.00)	"A"
43645-0600	06	.742/(18.85)	.591/(15.00)	
43645-0700	07	.860/(21.85)	.709/(18.00)	
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)	

(3-12 CIRCUIT HOUSING)

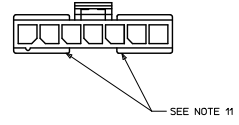
(2 CIRCUIT HOUSING)



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 50-43030-\*\*\*\* 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 BLEND 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.

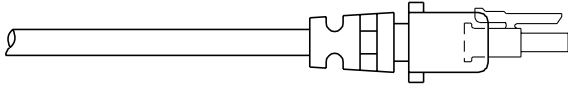
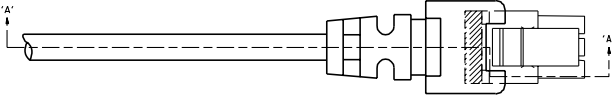


ADD PK SPEC ECN NO. 16P2002-4450 2010/07/08 CHOKSSAUREK 2010/07/06 APPROV:SKJ 2010/07/06 061	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ±.010 ±.010 3 PLACES ±.025 ±.014 2 PLACES ±0.35 ±.010 1 PLACE ±.035 ±.010 0 PLACE ±.035 ±.010	IN/M/M DRAWN BY DATE A. F. G. 1995/11/15 CHECKED BY DATE B. A. P. 1995/11/15 APPROVED BY DATE R. J. F. 1995/11/15	4:1	METRIC	THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2° MATERIAL NO. SEE CHART SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	TITLE MICRO-FIT (3.0) 2 THRU 12 SINGLE ROW RECEPTACLE 	DOCUMENT NO. SDA-43645-****	SHEET NO. 1 OF 1	
	Rev. G 2010/07/11					

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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'

FINAL RELEASE		EQU* 16-#19		80-82-28 A-GATE	
A		REV. 1/82		REV. 1/82	
MFG		SOL		MEX. 1/82	
REV. 1/82		REV. 1/82		REV. 1/82	
REVISE ONLY ON CAD SYSTEM		REVISE ONLY ON CAD SYSTEM		REVISE ONLY ON CAD SYSTEM	
MICRO-FIT (3.0) SINGLE ROW		MICRO-FIT (3.0) SINGLE ROW		MICRO-FIT (3.0) SINGLE ROW	
OVERMOLDING		OVERMOLDING		OVERMOLDING	
SPECIFICATIONS		SPECIFICATIONS		SPECIFICATIONS	
MOLEX INCORPORATED		MOLEX INCORPORATED		MOLEX INCORPORATED	
NONE		NONE		NONE	
SDES-43645-1000		SDES-43645-1000		SDES-43645-1000	
CP D		CP D		CP D	