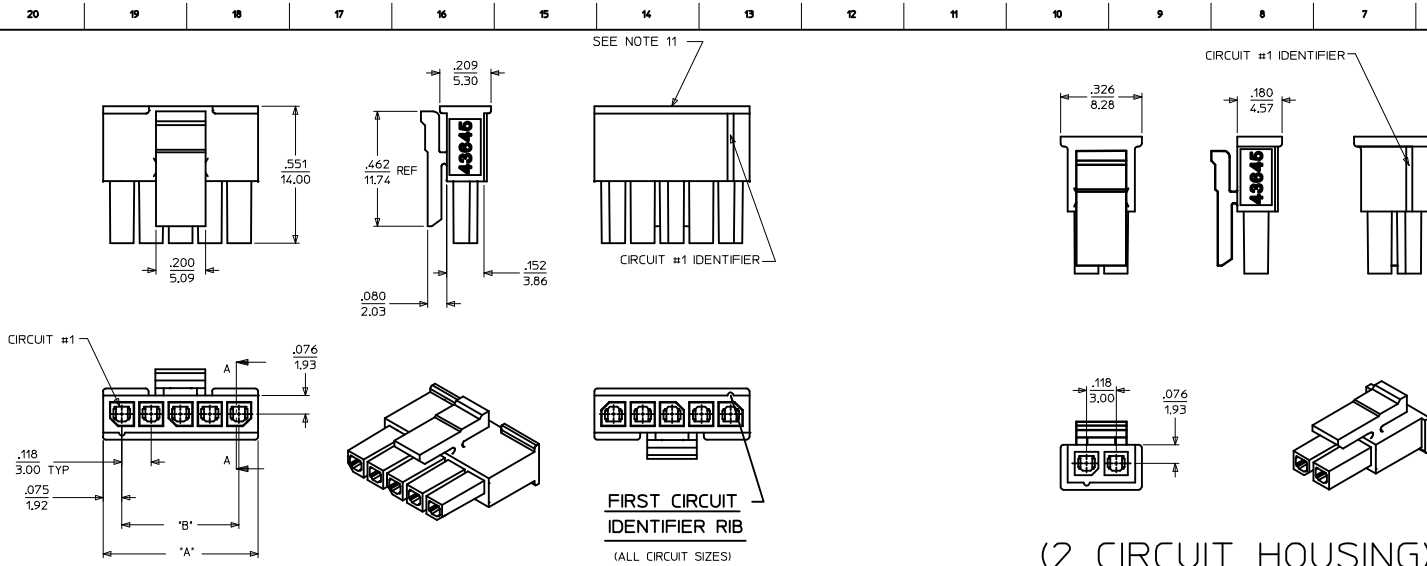
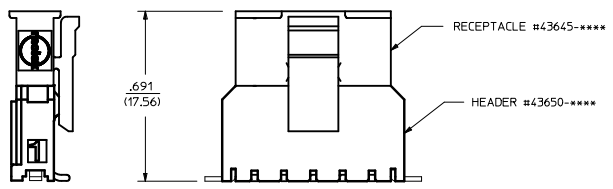




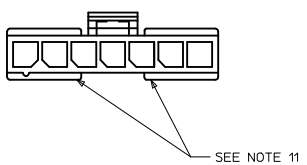
(3-12 CIRCUIT HOUSING)



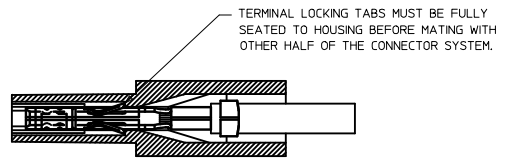
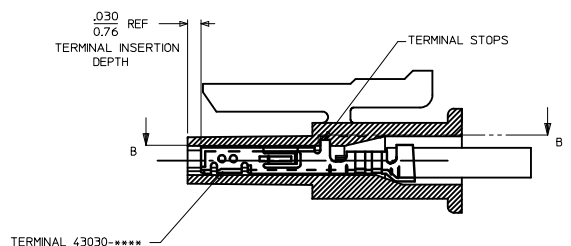
MATED MICRO-FIT CONNECTOR

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)



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)	

ADD PK SPEC
EC NO: UCP2012-1450
DRAWN BY: DFWANWSTROH
CHECKED BY: CHIKOSUSEK
APPROVED BY: APPREHSMITH
REV: F2

DESCRIPTION
2012/07/03
2012/07/05
2012/07/09

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 ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY: A.F.G.
CHECKED BY: B.A.P.
APPROVED BY: R.J.F.
DATE: 1995/11/15
DATE: 1995/11/15
DATE: 1995/11/15

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

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

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SDA-43645-****

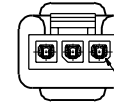
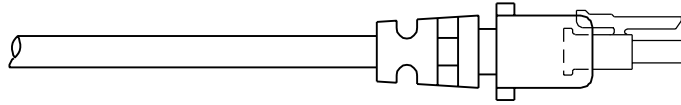
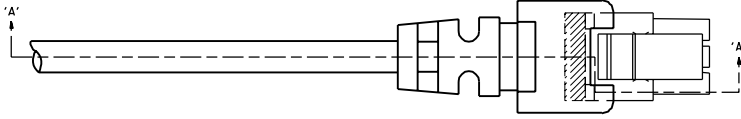
SHEET NO.
1 OF 1

SIZE
D

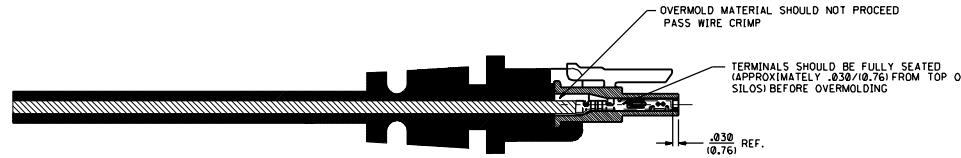
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NOTES:

- OVERMOLDED MATERIAL SHOULD NOT ENCAPSULATE THE TERMINAL IN AND AROUND THE WIRE CRIMP AREA.
- TERMINALS MUST BE CENTERED AND PERPENDICULAR INSIDE THE RECEPTACLE HOUSING BEFORE AND AFTER OVERMOLDING.
- DEVICE USED TO CENTER TERMINALS MUST NOT EXCEED .020 SQUARE IN ORDER TO PREVENT TERMINAL DEFORMATION.
- OVERMOLD TOOLING MUST NOT DAMAGE INTERNAL OR EXTERNAL FEATURES OF CABLE ASSEMBLY.
- THE OVERMOLDING TEMPERATURES DURING PROCESSING MUST NOT EXCEED 328°F
- REMOVAL OF CABLE ASSEMBLY FROM THE TOOLING MUST NOT IN ANY WAY DAMAGE THE SUPPLIED COMPONENTS.
- 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'

OVERMOLD MATERIAL SHOULD NOT PROCEED PASS WIRE CRIMP

TERMINALS SHOULD BE FULLY SEATED (APPROXIMATELY .030/(0.76) FROM TOP OF SILOS) BEFORE OVERMOLDING

.030 REF.
(0.76)

FINAL RELEASE
ECN# 106-1019
96-82-26 A-0021K

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

REV. LTR. REV. LTR.

DIMENSIONS SHOWN IN PARENTHESES ARE IN INCHES		REVISE ONLY ON CAD SYSTEM	
TYPICAL DIMENSIONS		TITLE	
TYPICAL DIMENSIONS		MICRO-FIT (3.0) SINGLE ROW OVERMOLDING SPECIFICATIONS	
TYPICAL DIMENSIONS		MOLEX INCORPORATED	
TYPICAL DIMENSIONS		PART NO. SDES-43645-1000	
TYPICAL DIMENSIONS		DATE 02/26/96	
TYPICAL DIMENSIONS		DRAWN BY	
TYPICAL DIMENSIONS		CHECKED BY	
TYPICAL DIMENSIONS		APPROVED BY	
TYPICAL DIMENSIONS		FOR ASSEMBLY	
TYPICAL DIMENSIONS		FOR TESTING	
TYPICAL DIMENSIONS		FOR SHIPMENT	
TYPICAL DIMENSIONS		FOR STORAGE	
TYPICAL DIMENSIONS		FOR DISPOSAL	
TYPICAL DIMENSIONS		FOR REPAIR	
TYPICAL DIMENSIONS		FOR REWORK	
TYPICAL DIMENSIONS		FOR REUSE	
TYPICAL DIMENSIONS		FOR RECYCLING	
TYPICAL DIMENSIONS		FOR REPAIR	
TYPICAL DIMENSIONS		FOR REWORK	
TYPICAL DIMENSIONS		FOR REUSE	
TYPICAL DIMENSIONS		FOR RECYCLING	