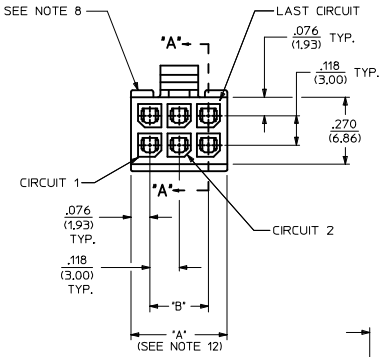
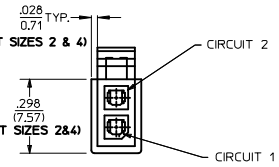
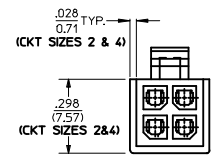
PART CHARACTERISTICS	
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER
02	43025-0208
04	43025-0408
06	43025-0608
08	43025-0808
10	43025-1008
12	43025-1208
14	43025-1408
16	43025-1608
18	43025-1808
20	43025-2008
22	43025-2208
24	43025-2408

CKT. NO.	DIM. 'A' +.014 -.010 / +0.35 -0.25	DIM. 'B'
2	.152/(3.86)	N/A
4	.270/(6.85)	.118/(3.00)
6	.388/(9.85)	.236/(6.00)
8	.506/(12.85)	.354/(9.00)
10	.624/(15.85)	.472/(12.00)
12	.742/(18.85)	.591/(15.00)
14	.860/(21.85)	.709/(18.00)
16	.978/(24.85)	.827/(21.00)
18	1.096/(27.85)	.945/(24.00)
20	1.215/(30.85)	1.063/(27.00)
22	1.333/(33.85)	1.181/(30.00)
24	1.451/(36.85)	1.299/(33.00)

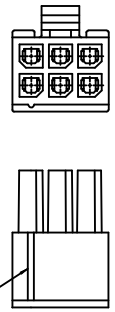




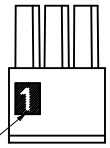
2 CIRCUIT HOUSING



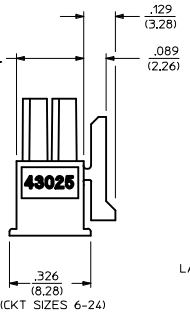
4 CIRCUIT PULL TAB GEOMETRY

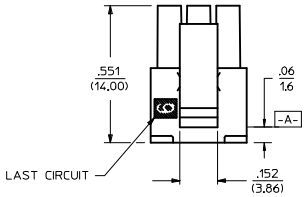


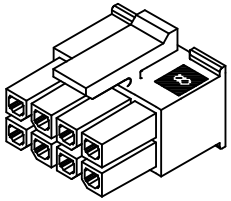
HOUSING SHOWN WITH FIRST CIRCUIT IDENTIFIER RIB
(SEE NOTE #11)



FIRST CIRCUIT IDENTIFIER SYMBOL (SEE NOTE #11)

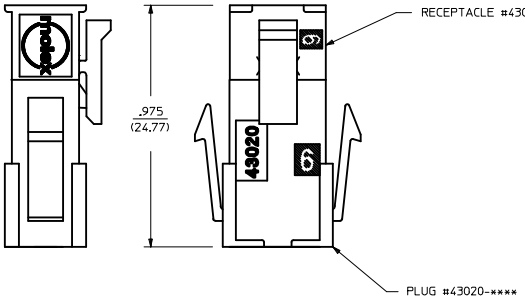




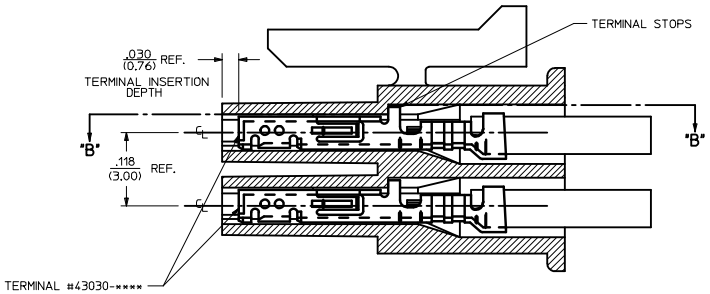


RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)

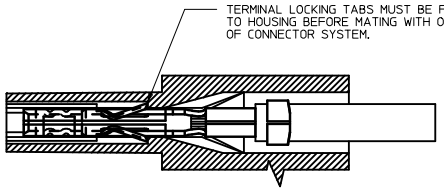
(SEE NOTE 9 FOR TESTING)



MATED MICRO-FIT CONNECTOR



SECTION "A"-"A"
WITH TERMINAL
(SCALE 10:1)



SECTION "B"-"B"
(SCALE 10:1)

NOTES:

1) HOUSING MATERIAL: UNFILLED NYLON, RATED U.L. 94V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE. COLOR IS BLACK.
2) FINISH: N/A
3) PRODUCT SPECIFICATION: PS-43045
4) PACKAGING SPECIFICATION: PK-43025-001
5) THIS RECEPTACLE MATES WITH 43020, 43045.
6) THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL SERIES 43030 OR 46235. SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
7) FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
8) TOP PULL TABS ARE NOT AVAILABLE ON 2 AND 4 CIRCUIT PARTS.
9) MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG, SERIES NO. 44242-**** WHENEVER TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED FOR MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS FOR HARNESS TESTING PURPOSES.
10) SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY.
11) HOUSINGS HAVE EITHER AN IDENTIFIER RIB OR ENGRAVED "1" SYMBOL TO INDICATE CIRCUIT #1. INDENTIFIER TYPE IS TOOL DEPENDENT AND NOT SELECTABLE.
12) DIMENSION 'A' MEASURED AT DATUM -A-
13) THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

REV	DESCRIPTION
A6	ADD NOTE 12 EC NO: UCP2013-430 2012/10/10 DRWN:NNGUYEN 2012/10/10 CHKD:SSOUSEK 2012/10/12 APPR:FSMITH

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

SCALE: ---

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MKIPPER	2008/01/22
CHECKED BY	SSOUSEK	2008/01/25
APPROVED BY	FSMITH	2008/02/02

TITLE: MICRO-FIT (3.0) 2 THRU 24 CIRCUIT RECEPTACLE, HALOGEN-FREE

molex

MATERIAL NO.: SEE CHART

DOCUMENT NO.: SD-43025-001

SHEET NO.: 1 OF 1

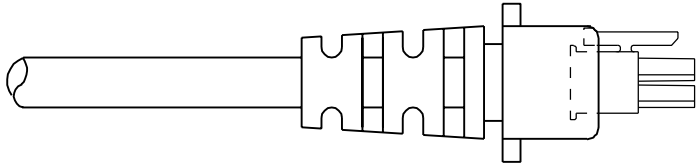
SIZE: D

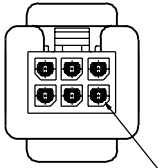
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

43025 43025

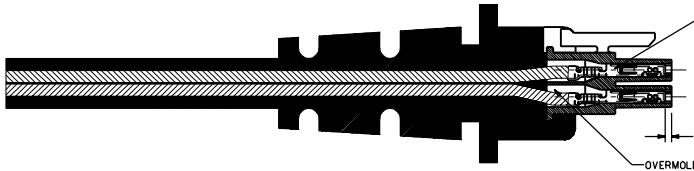
NOTES:

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'

MFG. SHL	REV.	LTR.	REVISIONS
	B		REVISED PER ECN# U5-0172 01/31/95 BAP
	A		REVISED PER ECN# U4-0730 06/23/94 BAP

REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN IN METRIC [INCH]
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
1 PLACE	±	±
2 PLACE	±	±
3 PLACE		±

DRAFT BEYOND APPLICABLE MUST REMAIN WITHIN DIMENSIONS

TITLE: MICRO-FIT (3.0) OVERMOLDING SPECIFICATIONS

MOLEX INCORPORATED
LISLE, ILL. USA. 60532

SHEET NO. 1 OF 1
DATE 06/23/94

PART NO. NONE
DRWG. NO. SDES-43025-1000

DRWN. BY BAP
CHK'D. BY BAP
APP'D. BY RF
SCALE 4 : 1
FILE NAME ES43025.1.DGN

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REV. D
SIZE D

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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