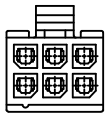
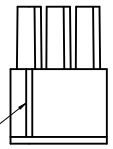
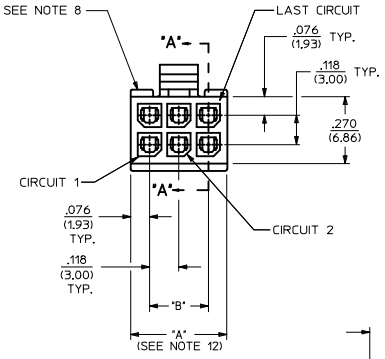
PART CHARACTERISTICS	
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER
02	43025-0208
04	43025-0408
06	43025-0608
08	43025-0808
10	43025-1008
12	43025-1208
14	43025-1408
16	43025-1608
18	43025-1808
20	43025-2008
22	43025-2208
24	43025-2408

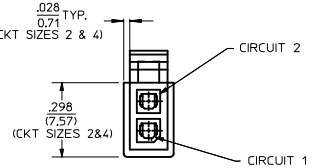
CKT. NO.	DIM. 'A' +.014 -.010 / +0.35 -0.25	DIM. 'B'
2	.152/(3.86)	N/A
4	.270/(6.85)	.118/(3.00)
6	.388/(9.85)	.236/(6.00)
8	.506/(12.85)	.354/(9.00)
10	.624/(15.85)	.472/(12.00)
12	.742/(18.85)	.591/(15.00)
14	.860/(21.85)	.709/(18.00)
16	.978/(24.85)	.827/(21.00)
18	1.096/(27.85)	.945/(24.00)
20	1.215/(30.85)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



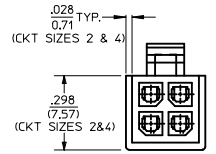


HOUSING SHOWN WITH FIRST CIRCUIT IDENTIFIER RIB (SEE NOTE #11)

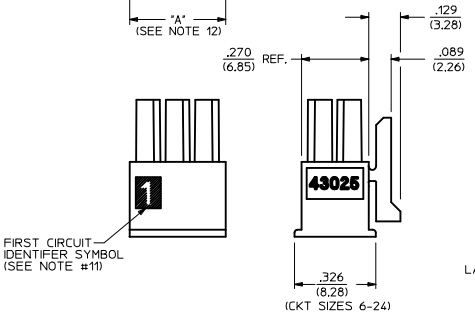


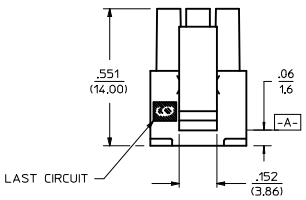


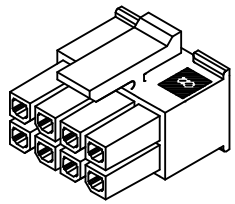
2 CIRCUIT HOUSING



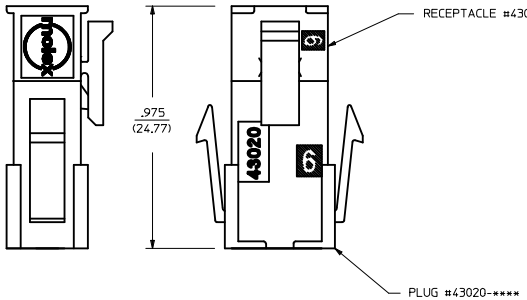
4 CIRCUIT PULL TAB GEOMETRY



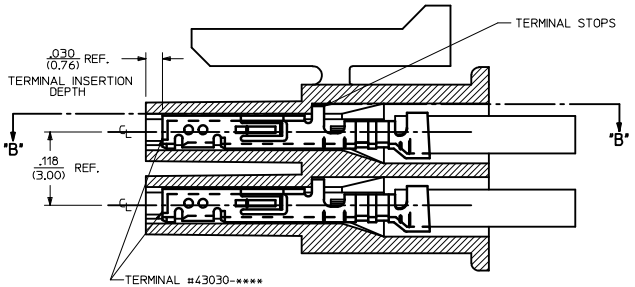




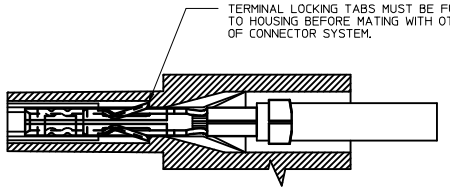
RECEPTACLE ISO VIEW (8 CURCUIT SHOWN) (SEE NOTE 9 FOR TESTING)



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 UL 94V-0, COLOR IS BLACK, (LOW HALOGEN)
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

REVISED NOTE 1
EC NO: UCP2017-0297
DRWN:JQUILES 2016/08/04
CHKD:SSOUSEK 2016/08/04
APPR:FSMITH 2016/08/25
DESCRIPTION
REV A7

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

DRAWN BY: MKIPPER DATE: 2008/01/22
CHECKED BY: SSOUSEK DATE: 2008/01/25
APPROVED BY: FSMITH DATE: 2016/08/25
MATERIAL NO.: SEE CHART

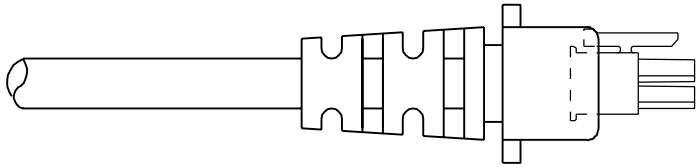
TITLE: MICRO-FIT (3.0) 2 THRU 24 CIRCUIT RECEPTACLE, LOW HALOGEN

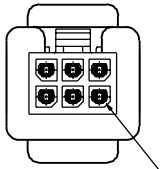
molex

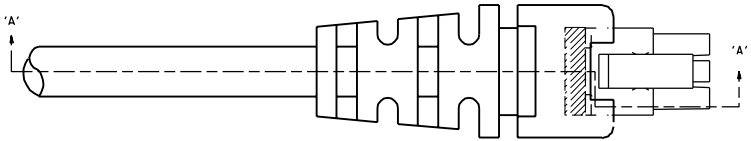
DOCUMENT NO.: SD-43025-001
SHEET NO.: 1 OF 1
SIZE: D

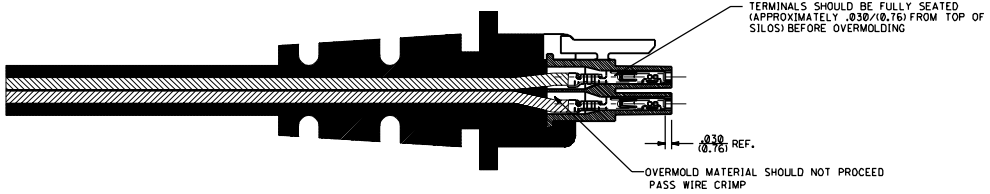
NOTES:

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.









SECTION 'A'-'A'

MFG.	SHL	REV.	LTR.	REVISIONS
		B		REVISED PER ECN# US-0172 01/31/95 BAP
		A		REVISED PER ECN# 14-0730 06/23/94 BAP

REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN: INCH [MM]
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°
1 PLACE ± .X
2 PLACE ± .XX
3 PLACE ± .XXX
DRAFT: BHOPE APPLICABLE MOLD REMAIN WITHIN DIMENSIONS

TITLE: MICRO-FIT (3.0) OVERMOLDING SPECIFICATIONS

MOLEX INCORPORATED LISLE, ILL. USA | SHEET NO. 1 OF 1 | DATE 06/23/94

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

DRWG. BY BAP | CHK'D. BY BAP | APP'D. BY RF | SCALE 4 : 1

FILE NAME ES43025-1 | DOC

DIV. | SIZE D