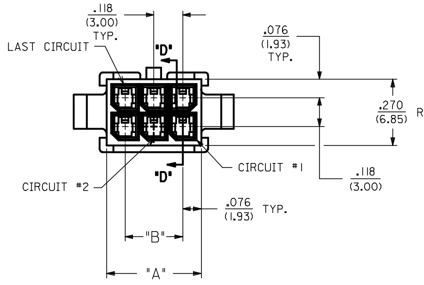
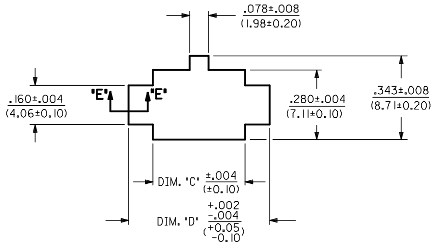
ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS	
	NUMBER OF POSITION	PANEL MOUNT OPTION
43020-0210	02	YES
43020-0211	02	NO
43020-0410	04	YES
43020-0411	04	NO
43020-0610	06	YES
43020-0611	06	NO
43020-0810	08	YES
43020-0811	08	NO
43020-1010	10	YES
43020-1011	10	NO
43020-1210	12	YES
43020-1211	12	NO
43020-1410	14	YES
43020-1411	14	NO
43020-1610	16	YES
43020-1611	16	NO
43020-1810	18	YES
43020-1811	18	NO
43020-2010	20	YES
43020-2011	20	NO
43020-2210	22	YES
43020-2211	22	NO
43020-2410	24	YES
43020-2411	24	NO

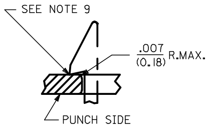
CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12	.742/(18.85)	.591/(15.00)	.756/(19.21)	.901/(22.89)
14	.860/(21.85)	.709/(18.00)	.874/(22.20)	1.019/(25.88)
16	.978/(24.85)	.827/(21.00)	.992/(25.20)	1.137/(28.88)
18	1.096/(27.85)	.945/(24.00)	1.110/(28.20)	1.255/(31.88)
20	1.215/(30.85)	1.063/(27.00)	1.229/(31.22)	1.373/(34.87)
22	1.333/(33.85)	1.181/(30.00)	1.347/(34.22)	1.491/(37.87)
24	1.451/(36.85)	1.299/(33.00)	1.465/(37.22)	1.609/(40.87)

NOTES:

1) HOUSING MATERIAL: UNFILLED NYLON, UL 94V-2, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK
*MATERIAL NUMBERS ON THIS DRAWING ARE GLOW WIRE CAPABLE SINCE INCEPTION
2) FINISH: N/A
3) PRODUCT SPECIFICATION: PS-43045
4) PACKAGING SPECIFICATION: PK-43020-001
5) THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-****
6) THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****
7) DESIGNED FOR .055/(1.4) MINIMUM TO A .100/(2.54) MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.
8) SEE SECTION "D"-"D" FOR TERMINAL ORIENTATION IN HOUSING.
9) PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.
10) THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002, WITH THE EXCEPTION THAT FLASH, DISCOLORATION, AND SINK MEET CLASS "C" REQUIREMENTS.'
11) HOUSINGS MAY HAVE DISCOLORATION AREAS THAT DO NOT AFFECT FUNCTIONALITY. DISCOLORATION AREAS MAY EXTEND ACROSS THE ENTIRE LENGTH OF THE FACES OF THE PART.

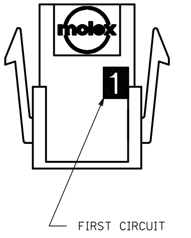


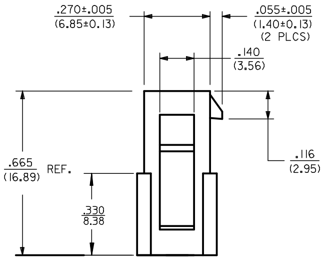


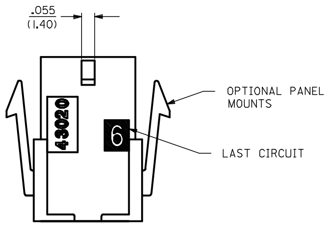


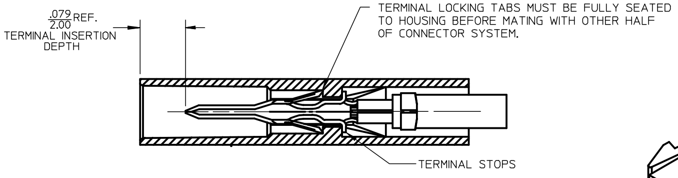
SECTION 'E'-'E'
(NO SCALE)

RECOMMENDED PANEL CUT-OUT
(SEE NOTES 7 & 9)

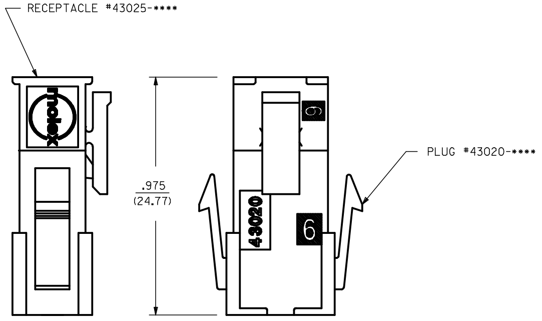


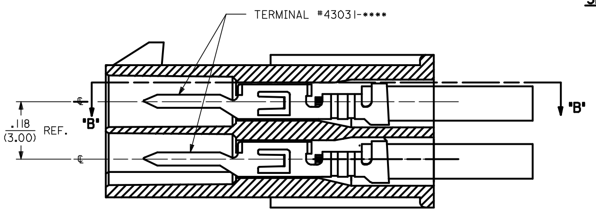




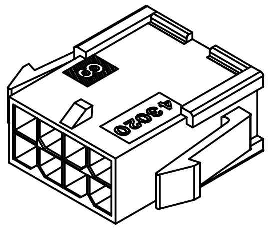

.079 2.00 REF. TERMINAL INSERTION DEPTH
TERMINAL LOCKING TABS MUST BE FULLY SEATED TO HOUSING BEFORE MATING WITH OTHER HALF OF CONNECTOR SYSTEM.
TERMINAL STOPS

SECTION 'B'-'B'





SECTION 'D'-'D'
WITH TERMINAL
(SCALE: 8X)



PLUG WITH OPTIONAL
PANEL MOUNTS
ISO VIEW
(8 CIRCUIT SHOWN)

MATED MICRO-FIT CONNECTOR

REV	DESCRIPTION
A1	UPDATE PUNCHED HOLE EC NO: UCP2017-0525 DRWN:JQUILES 2016/09/01 CHK'D:SSOUSEK 2016/09/01 APPR:FSMITH 2016/10/07

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	JMONTI	2015/06/16
CHECKED BY	BANDERSON	2015/06
APPROVED BY	FSMITH	2016/10/07

TITLE: MICRO-FIT(3.0) PLUG WITH OPTIONAL PANEL MOUNTS GLOW WIRE

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-43020-002
SHEET NO.: 1 OF 1
SIZE: C

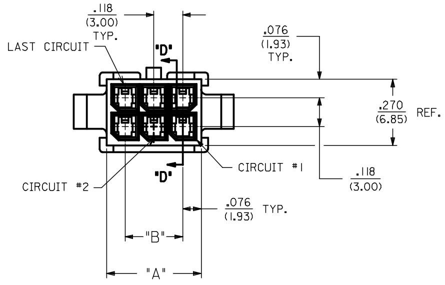
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

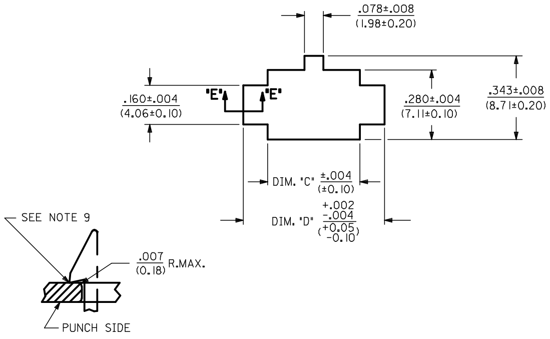
ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS	
	NUMBER OF POSITION	PANEL MOUNT OPTION
43020-0210	02	YES
43020-0211	02	NO
43020-0410	04	YES
43020-0411	04	NO
43020-0610	06	YES
43020-0611	06	NO
43020-0810	08	YES
43020-0811	08	NO
43020-1010	10	YES
43020-1011	10	NO
43020-1210	12	YES
43020-1211	12	NO
43020-1410	14	YES
43020-1411	14	NO
43020-1610	16	YES
43020-1611	16	NO
43020-1810	18	YES
43020-1811	18	NO
43020-2010	20	YES
43020-2011	20	NO
43020-2210	22	YES
43020-2211	22	NO
43020-2410	24	YES
43020-2411	24	NO

CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12	.742/(18.85)	.591/(15.00)	.756/(19.21)	.901/(22.89)
14	.860/(21.85)	.709/(18.00)	.874/(22.20)	1.019/(25.88)
16	.978/(24.85)	.827/(21.00)	.992/(25.20)	1.137/(28.88)
18	1.096/(27.85)	.945/(24.00)	1.110/(28.20)	1.255/(31.88)
20	1.215/(30.85)	1.063/(27.00)	1.229/(31.22)	1.373/(34.87)
22	1.333/(33.85)	1.181/(30.00)	1.347/(34.22)	1.491/(37.87)
24	1.451/(36.85)	1.299/(33.00)	1.465/(37.22)	1.609/(40.87)

NOTES:

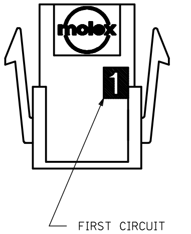
1) HOUSING MATERIAL: UNFILLED NYLON, UL 94V-2, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK
*MATERIAL NUMBERS ON THIS DRAWING ARE GLOW WIRE CAPABLE SINCE INCEPTION
2) FINISH: N/A
3) PRODUCT SPECIFICATION: PS-43045
4) PACKAGING SPECIFICATION: PK-43020-001
5) THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-****
6) THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****
7) DESIGNED FOR .055/(1.4) MINIMUM TO A .100/(2.54) MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.
8) SEE SECTION "D"-"D" FOR TERMINAL ORIENTATION IN HOUSING.
9) PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.
10) THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002, WITH THE EXCEPTION THAT FLASH, DISCOLORATION, AND SINK MEET CLASS "C" REQUIREMENTS.'
11) HOUSINGS MAY HAVE DISCOLORATION AREAS THAT DO NOT AFFECT FUNCTIONALITY. DISCOLORATION AREAS MAY EXTEND ACROSS THE ENTIRE LENGTH OF THE FACES OF THE PART.

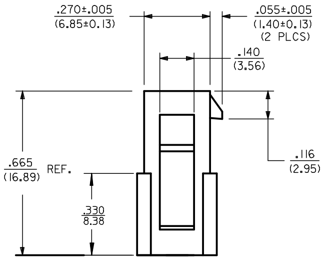


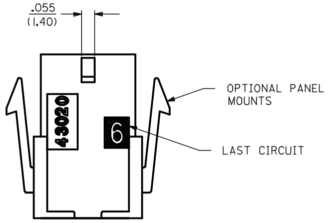


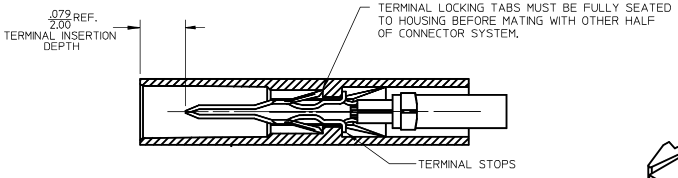
SECTION 'E'-'E'
(NO SCALE)

RECOMMENDED PANEL CUT-OUT
(SEE NOTES 7 & 9)

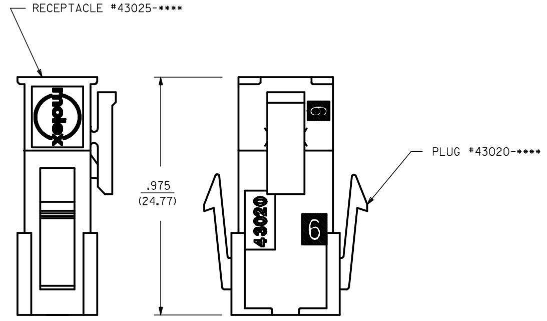




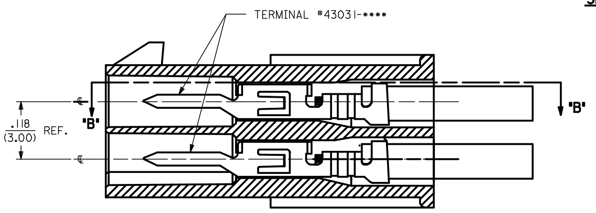



.079
2.00
REF.
TERMINAL INSERTION DEPTH
TERMINAL LOCKING TABS MUST BE FULLY SEATED TO HOUSING BEFORE MATING WITH OTHER HALF OF CONNECTOR SYSTEM.
TERMINAL STOPS

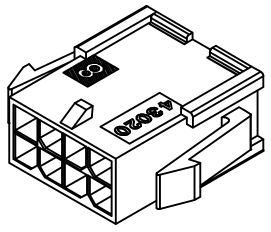
SECTION 'B'-'B'



MATED MICRO-FIT CONNECTOR



SECTION 'D'-'D'
WITH TERMINAL
(SCALE: 8X)



PLUG WITH OPTIONAL PANEL MOUNTS ISO VIEW
(8 CIRCUIT SHOWN)

UPDATE PUNCHED HOLE
EC NO: UCP2017-0525
DRWN:JQUILES 2016/09/01
CH'KD:SSOUSEK 2016/09/01
APPR:FSMITH 2016/10/07
DESCRIPTION
A1
REV

QUALITY SYMBOLS
FA =0
FC =0
FP =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	JMONTI	2015/06/16
CHECKED BY	BANDERSON	2015/06
APPROVED BY	FSMITH	2016/10/07

TITLE
MICRO-FIT(3.0) PLUG WITH
OPTIONAL PANEL MOUNTS
GLOW WIRE

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-43020-002
SHEET NO.: 1 OF 1
SIZE: C

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