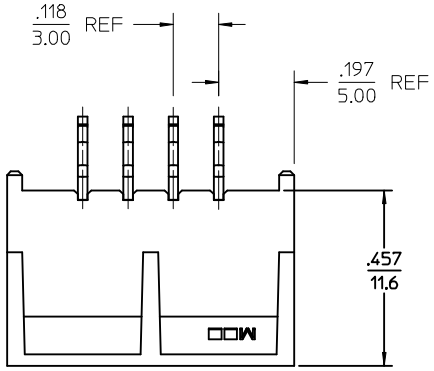
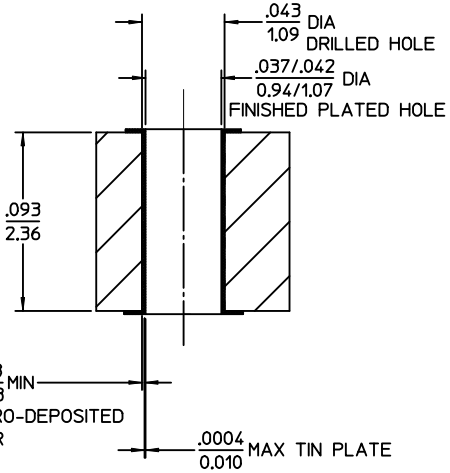
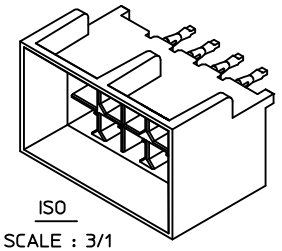
CIRCUIT SIZE	DIM. -A-	DIM. -B-	DIM. -C-
04	.512/13.00	.118/3.00	.472/12.00
06	.630/16.00	.236/6.00	.590/15.00
08	.748/19.00	.354/9.00	.709/18.00
10	.866/22.00	.472/12.00	.827/21.00
12	.984/25.00	.590/15.00	.945/24.00
14	1.102/28.00	.709/18.00	1.063/27.00
16	1.220/31.00	.827/21.00	1.181/30.00
18	1.338/34.00	.945/24.00	1.299/33.00
20	1.457/37.00	1.063/27.00	1.417/36.00
22	1.575/40.00	1.181/30.00	1.535/39.00
24	1.693/43.00	1.299/33.00	1.653/42.00



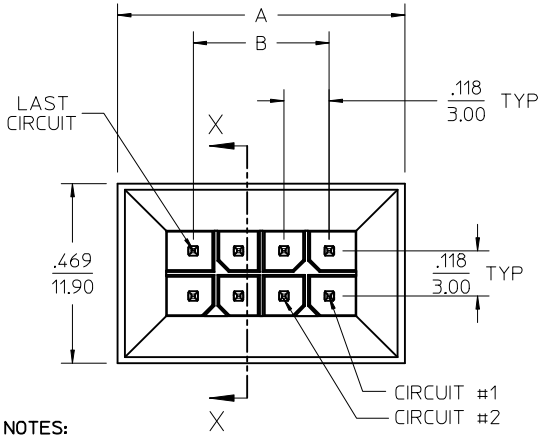


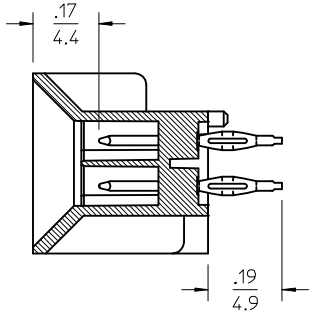
SECTION Z-Z

SCALE : 20/1

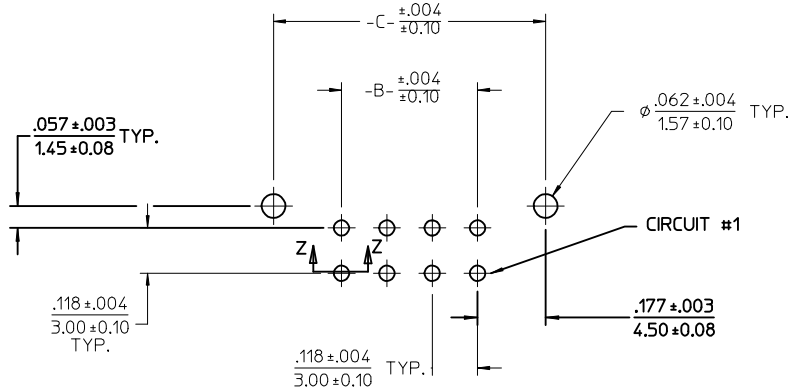


SCALE : 3/1





SECTION X-X



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)
RECOMMENDED PCB THICKNESS .093/2.36 MIN.

NOTES:

1. MATERIALS:
   HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK,
   TERMINALS: COPPER ALLOY.
2. FINISH:
   A= .000200/(0.00508) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL.
   B= .000015/(0.00038) MIN. GOLD IN SELECTIVE AREA AND .00010/(0.0025) MIN MATTE TIN ON PCB TAILS BOTH OVER .000050/(0.0013) NICKEL OVERALL.
   C= .000030/(0.00075) MIN. GOLD IN SELECTIVE AREA AND .00010/(0.0025) MIN MATTE TIN ON PCB TAILS BOTH OVER .000050/(0.0013) NICKEL OVERALL.
   D= .000200/(0.00508) MIN. MATTE TIN IN CONTACT AREA AND .000100/(0.00254) MIN MATTE TIN ON PCB TAILS BOTH OVER .000050/(0.00127) MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION: PS-44300-001
4. PACKAGING SPECIFICATION: PK-45280-002.
5. THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE SERIES 44133 WITH FEMALE CRIMP TERMINAL SERIES 43030 OR 46235, OR BMI RECEPTACLE HEADER SERIES 44764 (RIGHT ANGLE) AND 44769 (VERTICAL).
6. THIS HEADER REQUIRES A MOLEX INSERTION TOOL (62200-8400) TO PROPERLY INSTALL IT TO THE PCB.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

UPDATE FACTORY ID
EC NO: UCP2017-2563
DRWN:ZHARPER 2017/06/02
CHKD:
APPR:FSMITH 2017/09/29
DESCRIPTION
B5
REV

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RHOLTS	2004/07/20
CHECKED BY	LSCHMIDT	2004/07/20
APPROVED BY	FSMITH	2004/0720

TITLE: MICRO-FIT (3.0) DUAL ROW VERTICAL BMI CPI HEADER-ASSY, LEAD-FREE

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-45280-002
SHEET NO.: 1 OF 2
SIZE: C

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

PLATING OPTION: A	
MATERIAL NUMBER	CIRCUIT SIZE
452800401	04
452800601	06
452800801	08
452801001	10
452801201	12
452801401	14
452801601	16
452801801	18
452802001	20
452802201	22
452802401	24

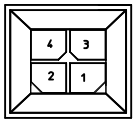
PLATING OPTION: B	
MATERIAL NUMBER	CIRCUIT SIZE
452800452	04
452800652	06
452800852	08
452801052	10
452801252	12
452801452	14
452801652	16
452801852	18
452802052	20
452802252	22
452802452	24

PLATING OPTION: C	
MATERIAL NUMBER	CIRCUIT SIZE
452800453	04
452800653	06
452800853	08
452801053	10
452801253	12
452801453	14
452801653	16
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452802253	22
452802453	24

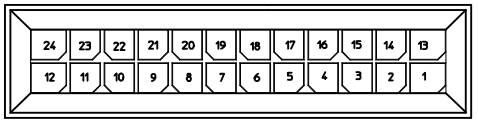
PLATING OPTION: D	
MATERIAL NUMBER	CIRCUIT SIZE
452800404	04
452800604	06
452800804	08
452801004	10
452801204	12
452801404	14
452801604	16
452801804	18
452802004	20
452802204	22
452802404	24

POLARIZATION LAYOUT

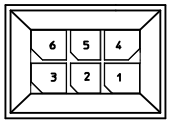
4-24 CIRCUITS



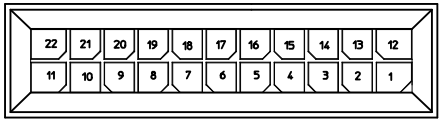
4 CIRCUIT



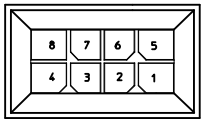
24 CIRCUIT



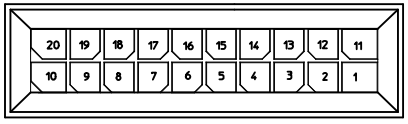
6 CIRCUIT



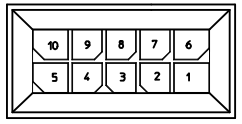
22 CIRCUIT



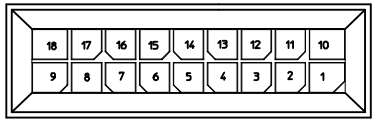
8 CIRCUIT



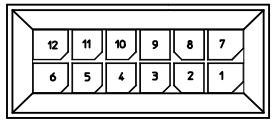
20 CIRCUIT



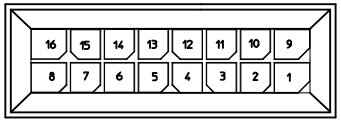
10 CIRCUIT



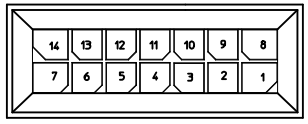
18 CIRCUIT



12 CIRCUIT



16 CIRCUIT



14 CIRCUIT

SEE SHEET 1

EC NO: UCP2017-2563 2017/06/02

DRWN: ZHARPER

CHKD:

APPR: FSMITH 2017/09/29

DESCRIPTION

REV

B5

QUALITY SYMBOLS

E1 =0

E2 =0

E3 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM

SCALE: 1:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

DRAWN BY: RHOLTS DATE: 2004/07/20

CHECKED BY: LSCHMIDT DATE: 2004/07/20

APPROVED BY: FSMITH DATE: 2004/0720

MATERIAL NO.: SEE CHART

TITLE: MICRO-FIT (3.0) DUAL ROW VERTICAL BMI CPI HEADER-ASSY, LEAD-FREE

molex

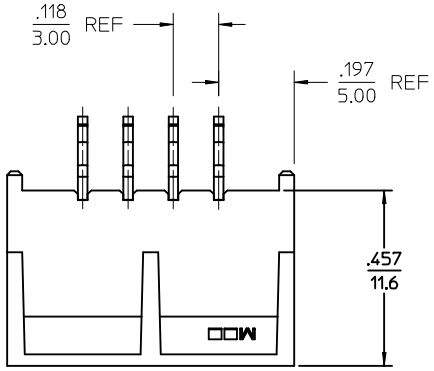
DOCUMENT NO.: SD-45280-002

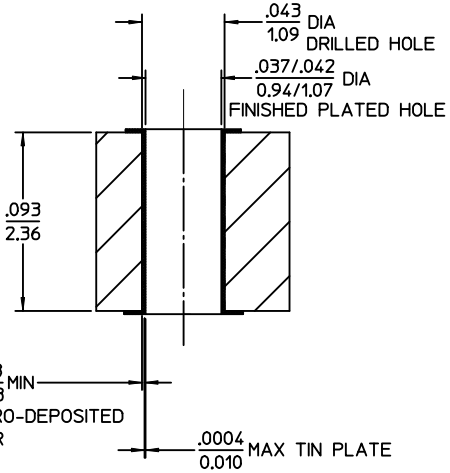
SHEET NO.: 2 OF 2

SIZE: C

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

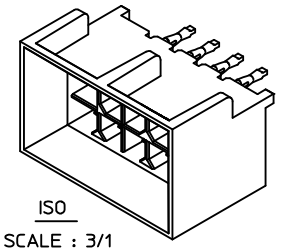
CIRCUIT SIZE	DIM. -A-	DIM. -B-	DIM. -C-
04	.512/13.00	.118/3.00	.472/12.00
06	.630/16.00	.236/6.00	.590/15.00
08	.748/19.00	.354/9.00	.709/18.00
10	.866/22.00	.472/12.00	.827/21.00
12	.984/25.00	.590/15.00	.945/24.00
14	1.102/28.00	.709/18.00	1.063/27.00
16	1.220/31.00	.827/21.00	1.181/30.00
18	1.338/34.00	.945/24.00	1.299/33.00
20	1.457/37.00	1.063/27.00	1.417/36.00
22	1.575/40.00	1.181/30.00	1.535/39.00
24	1.693/43.00	1.299/33.00	1.653/42.00



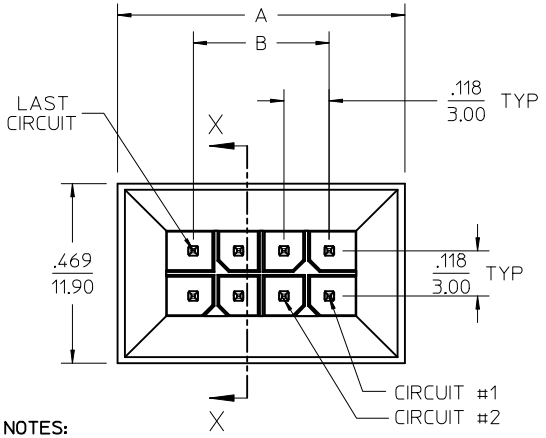


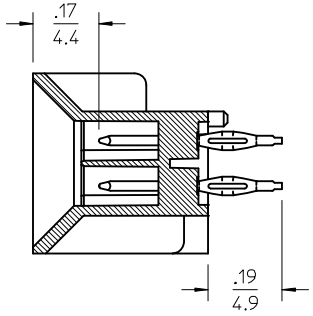
SECTION Z-Z

SCALE : 20/1

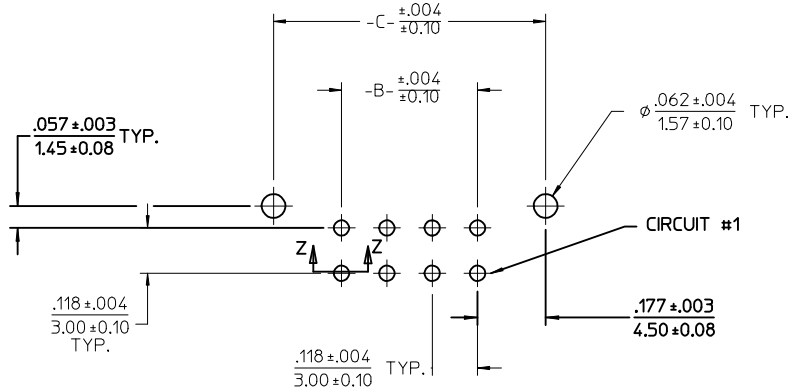


SCALE : 3/1





SECTION X-X



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)
RECOMMENDED PCB THICKNESS .093/2.36 MIN.

NOTES:

1. MATERIALS:
   HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK,
   TERMINALS: COPPER ALLOY.
2. FINISH:
   A= .000200/(0.00508) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL.
   B= .000015/(0.00038) MIN. GOLD IN SELECTIVE AREA AND .00010/(0.0025) MIN MATTE TIN ON PCB TAILS BOTH OVER .000050/(0.0013) NICKEL OVERALL.
   C= .000030/(0.00075) MIN. GOLD IN SELECTIVE AREA AND .00010/(0.0025) MIN MATTE TIN ON PCB TAILS BOTH OVER .000050/(0.0013) NICKEL OVERALL.
   D= .000200/(0.00508) MIN. MATTE TIN IN CONTACT AREA AND .000100/(0.00254) MIN MATTE TIN ON PCB TAILS BOTH OVER .000050/(0.00127) MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION: PS-44300-001
4. PACKAGING SPECIFICATION: PK-45280-002.
5. THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE SERIES 44133 WITH FEMALE CRIMP TERMINAL SERIES 43030 OR 46235, OR BMI RECEPTACLE HEADER SERIES 44764 (RIGHT ANGLE) AND 44769 (VERTICAL).
6. THIS HEADER REQUIRES A MOLEX INSERTION TOOL (62200-8400) TO PROPERLY INSTALL IT TO THE PCB.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

UPDATE FACTORY ID
EC NO: UCP2017-2563
DRWN:ZHARPER 2017/06/02
CHKD:
APPR:FSMITH 2017/09/29
DESCRIPTION
B5
REV

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RHOLTS	2004/07/20
CHECKED BY	LSCHMIDT	2004/07/20
APPROVED BY	FSMITH	2004/0720

TITLE: MICRO-FIT (3.0) DUAL ROW VERTICAL BMI CPI HEADER-ASSY, LEAD-FREE

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-45280-002
SHEET NO.: 1 OF 2
SIZE: C

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

PLATING OPTION: A	
MATERIAL NUMBER	CIRCUIT SIZE
452800401	04
452800601	06
452800801	08
452801001	10
452801201	12
452801401	14
452801601	16
452801801	18
452802001	20
452802201	22
452802401	24

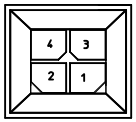
PLATING OPTION: B	
MATERIAL NUMBER	CIRCUIT SIZE
452800452	04
452800652	06
452800852	08
452801052	10
452801252	12
452801452	14
452801652	16
452801852	18
452802052	20
452802252	22
452802452	24

PLATING OPTION: C	
MATERIAL NUMBER	CIRCUIT SIZE
452800453	04
452800653	06
452800853	08
452801053	10
452801253	12
452801453	14
452801653	16
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452802253	22
452802453	24

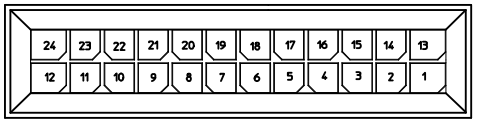
PLATING OPTION: D	
MATERIAL NUMBER	CIRCUIT SIZE
452800404	04
452800604	06
452800804	08
452801004	10
452801204	12
452801404	14
452801604	16
452801804	18
452802004	20
452802204	22
452802404	24

POLARIZATION LAYOUT

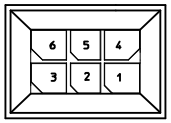
4-24 CIRCUITS



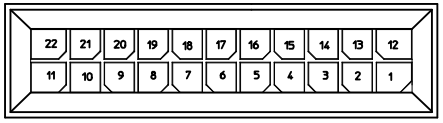
4 CIRCUIT



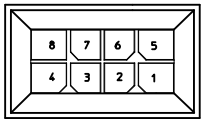
24 CIRCUIT



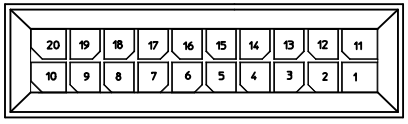
6 CIRCUIT



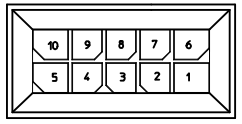
22 CIRCUIT



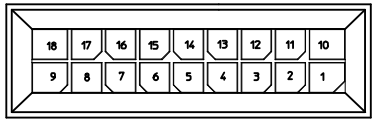
8 CIRCUIT



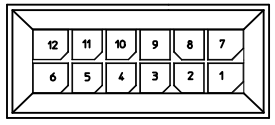
20 CIRCUIT



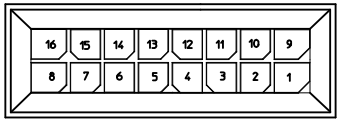
10 CIRCUIT



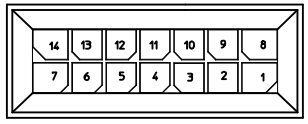
18 CIRCUIT



12 CIRCUIT



16 CIRCUIT



14 CIRCUIT

SEE SHEET 1

EC NO: UCP2017-2563 2017/06/02

DRWN: ZHARPER

CHKD:

APPR: FSMITH 2017/09/29

DESCRIPTION

REV

B5

QUALITY SYMBOLS

E1 =0

E2 =0

E3 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM

SCALE: 1:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

DRAWN BY: RHOLTS DATE: 2004/07/20

CHECKED BY: LSCHMIDT DATE: 2004/07/20

APPROVED BY: FSMITH DATE: 2004/0720

MATERIAL NO.: SEE CHART

TITLE: MICRO-FIT (3.0) DUAL ROW VERTICAL BMI CPI HEADER-ASSY, LEAD-FREE

molex

DOCUMENT NO.: SD-45280-002

SHEET NO.: 2 OF 2

SIZE: C

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