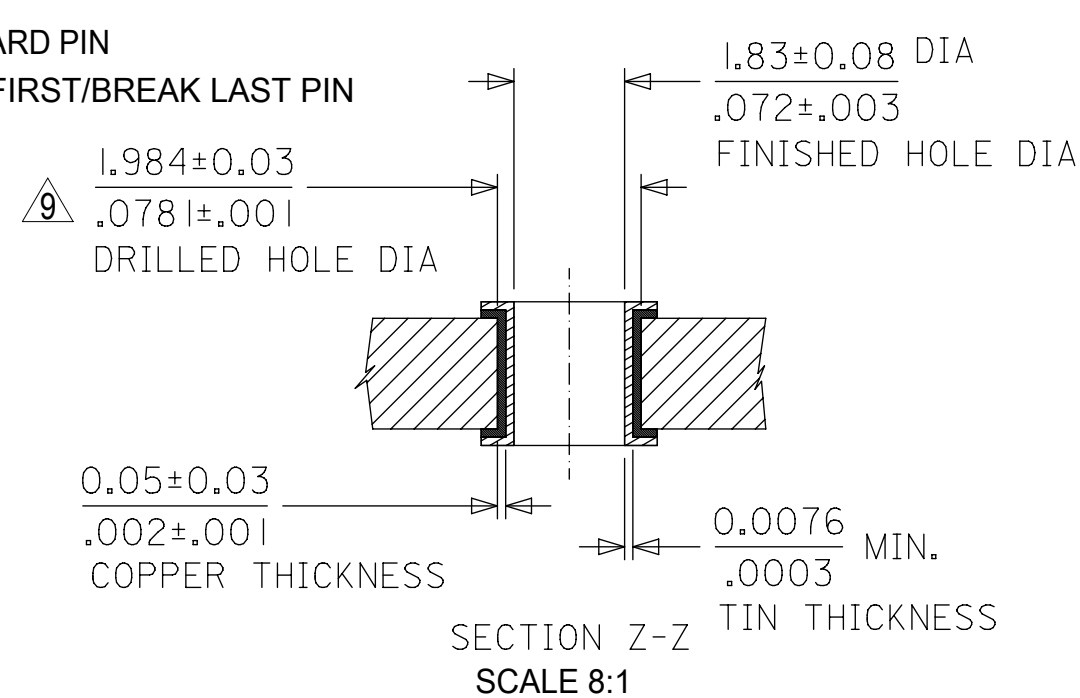
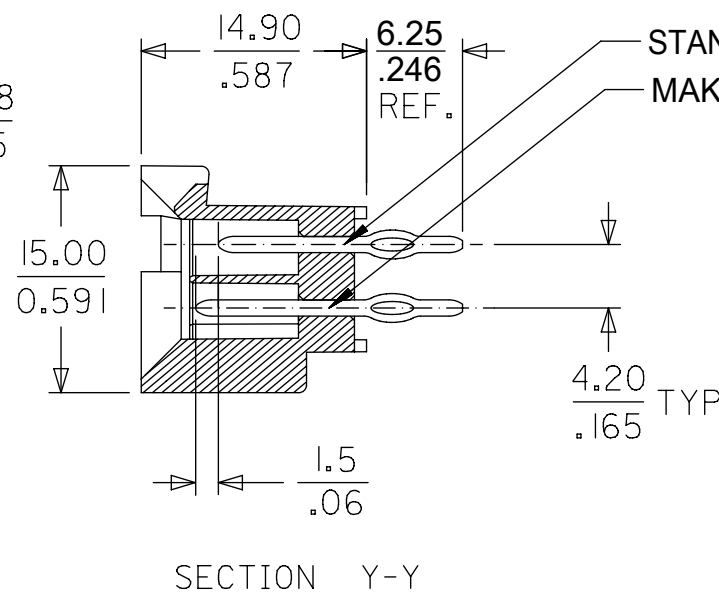
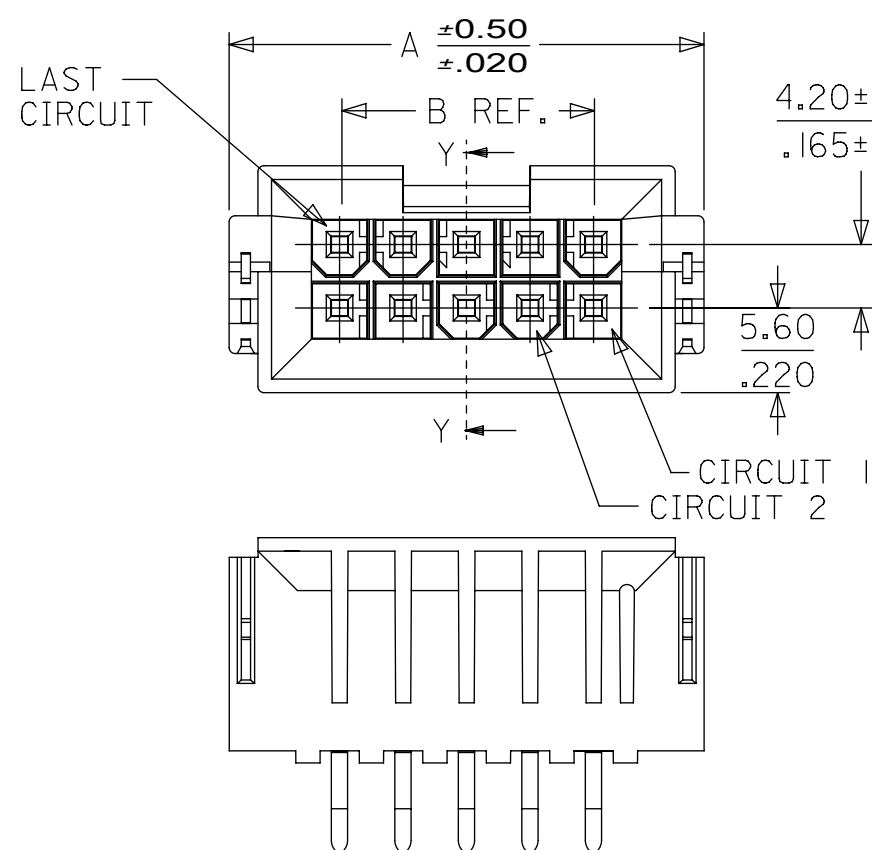
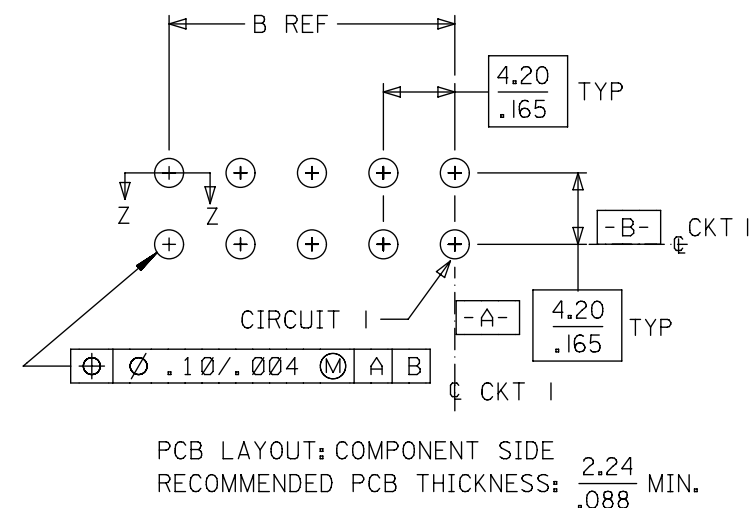
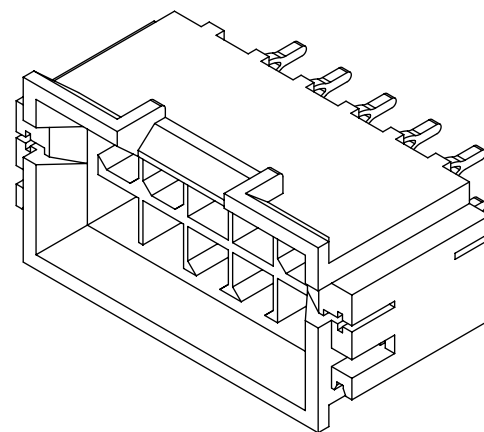




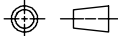
CKT	A	B
4	$\frac{18.80}{.740}$	$\frac{4.20}{.165}$
6	$\frac{23.00}{.906}$	$\frac{8.40}{.331}$
8	$\frac{27.20}{1.071}$	$\frac{12.60}{.496}$
10	$\frac{31.40}{1.237}$	$\frac{16.80}{.661}$
12	$\frac{35.60}{1.402}$	$\frac{21.00}{.827}$
14	$\frac{39.80}{1.567}$	$\frac{25.20}{.992}$
16	$\frac{44.00}{1.733}$	$\frac{29.40}{1.157}$
18	$\frac{48.20}{1.898}$	$\frac{33.60}{1.323}$
20	$\frac{52.40}{2.063}$	$\frac{37.80}{1.488}$
22	$\frac{56.60}{2.229}$	$\frac{42.00}{1.654}$
24	$\frac{60.80}{2.394}$	$\frac{46.20}{1.819}$

NOTES:

1. MATERIAL: HOUSING: GLASS FILLED NYLON, UL94 V-0, BLACK
TERMINAL: PHOSPHOR BRONZE
BOARD RETENTION CLIP: BRASS
2. TERMINAL FINISH:
1 = 0.00254/.000100 MIN. BRIGHT TIN OVER 0.00127/.000050 MIN.
NICKEL OVERALL
4 = 0.00076/.000030 MIN. GOLD IN CONTACT AREA,
0.00254/.000100 MIN. MATTE TIN IN TAIL AREA OVER
0.00127/.000050 MIN. NICKEL OVERALL
5 = 0.00254/.000100 MIN. MATTE TIN OVER 0.00127/.000050 MIN.
NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-43879-001
4. PARTS ARE TRAY PACKED PER PK-43879-001
5. THIS PART MATES WITH RECEPTACLE NUMBERS 5557, 42474, 44516
AND HEADER NUMBER 42385.
6. PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING
HOUSING IN ANY DIRECTION.
7. CONNECTOR ASSEMBLIES ARE NOT DESIGNED TO BE MATED
AND UNMATED WHILE CIRCUITS ARE LIVE.
8. PART IS NOT DESIGNED FOR CURRENT SHARING.
9. DRILLED HOLE DIAMETER IS EQUIVALENT TO 5/64 STANDARD
DRILL BIT.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
11. THIS HEADER REQUIRES A MOLEX INSERTION TOOL
(62200-9400) TO PROPERLY INSTALL IT TO THE PCB.



SCALE 3:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
CHG DIM 5.82 TO 6.25 EC NO: 104170 DRWN: CSLAFTER CHKD: FSMITH APPR: FSMITH		2016/04/08 2016/05/17 2016/05/17		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®				
						MM/IN		2:1						
			MM	INCH	DRWN BY		DATE		VERT. HDR. ASSY, BMI/CPI MAKE-FIRST/BREAK-LAST MINI-FIT BMI SERIES					
		4 PLACES	±	±	POLGAR		2002/12/10							
		3 PLACES	±	± 0.01	CHK'D BY		DATE							
		2 PLACES	± 0.25	± 0.014	MARGULIS		2002/12/17							
		1 PLACES	± 0.38	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
		0 PLACES	±	±	FSMITH		2011/05/02							
		ANGULAR TOL ± 2.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			B				43879		SEE CHART		GENERAL MARKET	
DOCUMENT NUMBER SD-43879-061									DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF 4	
G15		REV												

9		8				7			6			5			4			3			2			1																											
ITEM NO.	CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: SEE LEGEND BELOW																																																	
		I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																										
E	43879-6001	10	M1	M1	S1	M1	M1	M1	M1	M1	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	43879-6004	14	S1	S1	S1	S1	S1	S1	M1	M1	M1	M1	M1	M1	S1	-	-	-	-	-	-	-	-	-	-																										
	43879-6005	18	S1	S1	S1	S1	S1	S1	S1	S1	M1	M1	S1	S1	S1	S1	S1	S1	S1	-	-	-	-	-	-																										
	43879-6006	14	S1	S1	M1	S1	M1	S1	M1	S1	S1	S1	S1	S1	S1	-	-	-	-	-	-	-	-	-	-																										
	43879-6008	14	S1	S1	M1	M1	S1	M1	S1	S1	S1	M1	M1	S1	S1	S1	-	-	-	-	-	-	-	-	-																										
D	43879-6009	18	M1	M1	M1	M1	S1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	-	-	-	-	-	-																										
	43879-6010	6	S1	M1	M1	S1	M1	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	43879-6012	18	M4	M4	M4	M4	S4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	-	-	-	-	-																										
	43879-6013	10	M4	S4	S4	S4	S4	M4	M4	S4	S4	M4	-	-	-	-	-	-	-	-	-	-	-	-	-																										
C	43879-6014	10	S4	S4	M4	S4	S4	M4	M4	M4	S4	S4	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	43879-6015	10	S4	S4	S4	S4	M4	S4	M4	S4	S4	M4	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	43879-6016	10	S4	S4	M4	S4	M4	S4	M4	S4	S4	M4	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	43879-6020	14	S4	S4	S4	M4	M4	M4	S4	S4	S4	S4	S4	S4	S4	-	-	-	-	-	-	-	-	-	-																										
	43879-6022	24	M4	M4	M4	S4	S4	S4	M4	S4	S4	S4	S4	S4	M4	M4	M4	S4	S4	S4	S4	S4	S4	S4	S4																										
B	43879-6025	18	M4	S4	S4	S4	S4	S4	S4	S4	S4	S4	S4	S4	M4	M4	M4	S4	S4	M4	-	-	-	-	-																										
	43879-6026	14	S1	S1	S1	M1	M1	S1	S1	S1	S1	S1	M1	M1	S1	S1	-	-	-	-	-	-	-	-	-																										
	43879-6027	14	M1	M1	M1	M1	M1	M1	S1	M1	M1	M1	M1	M1	M1	S1	-	-	-	-	-	-	-	-	-																										
	43879-6029	4	M1	M1	M1	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	43879-6030	14	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	-	-	-	-	-	-	-	-	-																										
LEGEND M = MAKE-FIRST/BREAK-LAST S = STANDARD LENGTH 1 = BRIGHT TIN OVER NICKEL 4 = GOLD & TIN OVER NICKEL 5 = MATTE TIN OVER NICKEL * * THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION 2016/04/08 2016/05/17 2016/05/17 CHG DIM 5.82 TO 6.25 EC NO: 104170 DRWN: CSLAFTER CHK'D: FSMITH REV APPR: FSMITH G15 REV GENERAL TOLERANCES (UNLESS SPECIFIED) MM INCH 4 PLACES ± ± 3 PLACES ± ± 0.01 2 PLACES ± 0.25 ± 0.014 1 PLACES ± 0.38 ± 0 PLACES ± ± ANGULAR TOL ± 2.0 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION UNITS MM/IN SCALE 2:1 DRWN BY POLGAR DATE 2002/12/10 CHK'D BY MARGULIS DATE 2002/12/17 APPR BY FSMITH DATE 2011/05/02 DRAWING SIZE B THIRD ANGLE PROJECTION SERIES 43879 MATERIAL NUMBER SEE CHART CUSTOMER GENERAL MARKET DOCUMENT NUMBER SD-43879-061 DOC TYPE PSD DOC PART 000 SHEET NUMBER 2 OF 4 <tr><td colspan="2">9</td><td colspan="4">8</td><td colspan="3">7</td><td colspan="3">6</td><td colspan="3">5</td><td colspan="3">4</td><td colspan="3">3</td><td colspan="3">2</td><td colspan="2">1</td></tr>																										9		8				7			6			5			4			3			2			1	
9		8				7			6			5			4			3			2			1																											

9		8		7		6		5		4		3		2		1												
ITEM NO.		CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: SEE LEGEND BELOW																								V = VOID	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
43879-6031		18	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	—	—	—	—	—	—			
43879-6032		24	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5	M5			
43879-6033		10	M4	M4	M4	M4	M4	M4	M4	M4	M4	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
43879-6034		14	S1	S1	S1	S1	S1	S1	M1	M1	M1	S1	S1	S1	S1	—	—	—	—	—	—	—	—	—	—			
43879-6035		18	S1	S1	M1	S1	S1	S1	M1	S1	S1	S1	M1	S1	S1	S1	M1	S1	S1	—	—	—	—	—	—			
43879-6036		14	M4	M4	M4	M4	S4	M4	S4	M4	M4	M4	M4	M4	S4	—	—	—	—	—	—	—	—	—	—			
43879-6037		14	S4	S4	S4	S4	S4	S4	M4	M4	M4	M4	M4	M4	S4	—	—	—	—	—	—	—	—	—	—			
43879-6038		24	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	S1	M1	M1	M1	M1	S1	M1	M1	S1			
43879-6039		10	M5	M5	M5	M5	M5	M5	M5	M5	M5																	
43879-6041		24	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1	M1			
43879-6042		18	S4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	—	—	—	—	—	—			
43879-6043		14	S4	S4	M4	M4	S4	M4	S4	S4	S4	M4	M4	S4	S4	S4	—	—	—	—	—	—	—	—	—			
43879-6044		10	M4	M4	M4	M4	M4	M4	M4	M4	V	V	—	—	—	—	—	—	—	—	—	—	—	—	—			
43879-6045		24	S4	S4	M4	M4	M4	M4	M4	M4	M4	M4	M4	S4	S4	M4	M4	M4	M4	M4	M4	M4	M4	M4	S4			
43879-6046		06	M4	M4	M4	S4	M4	M4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
43879-6047		10	M1	S1	S1	M1	S1	M1	S1	S1	S1	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
43879-6048		14	M1	M1	M1	M1	S1	M1	M1	M1	M1	M1	S1	M1	M1	—	—	—	—	—	—	—	—	—	—			
43879-6049		18	M1	S1	S1	S1	S1	S1	S1	M1	M1	S1	S1	S1	S1	S1	S1	S1	M1	—	—	—	—	—	—			
43879-6054		18	M1	M1	S1	S1	S1	S1	M1	M1	M1	M1	S1	M1	S1	S1	M1	M1	M1	—	—	—	—	—	—			
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CHG DIM 5.82 TO 6.25

EC NO: 104170

DRWN: CSLAFTER

CHK'D: FSMITH

REV APPR: FSMITH

G15

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

± 0.01

2 PLACES

±

0.25

±

0.014

1 PLACES

±

0.38

±

0 PLACES

±

±

ANGULAR TOL ± 2.0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

MM/IN

SCALE

2:1

DRWN BY

POLGAR

DATE

2002/12/10

CHK'D BY

MARGULIS

DATE

2002/12/17

APPR BY

FSMITH

DATE

2011/05/02

DRAWING SIZE

B

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MATERIAL NUMBER

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DATE

2011/05/02

DRAWING SIZE

B

THIRD ANGLE PROJECTION

SERIES

43879

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

SD-43879-061

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

3 OF 4

2016/04/08

2016/05/17

2016/05/17

2016/05/17

CHG DIM 5.82 TO 6.25

EC NO: 104170

DRWN: CSLAFTER

CHK'D: FSMITH

REV APPR: FSMITH

G15

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

± 0.01

2 PLACES

±

0.25

±

0.014

1 PLACES

±

0.38

±

0 PLACES

±

±

ANGULAR TOL ± 2.0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

MM/IN

SCALE

2:1

DRWN BY

POLGAR

DATE

2002/12/10

CHK'D BY

MARGULIS

DATE

2002/12/17

APPR BY

FSMITH

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DOC TYPE

9		8		7		6		5		4		3		2		1									
ITEM NO.	CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: SEE LEGEND BELOW																							
		V = VOID																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
43879-6055	18	S4	S4	S4	S4	M4	M4	M4	M4	M4	S4	S4	S4	S4	M4	M4	M4	M4	M4	—	—	—	—	—	—
43879-6056	14	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4	M4										

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

LEGEND

M = MAKE-FIRST/BREAK-LAST

S = STANDARD LENGTH

1 = BRIGHT TIN OVER NICKEL

4 = GOLD & TIN OVER NICKEL

5 = MATTE TIN OVER NICKEL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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4 OF 4

VERT. HDR. ASSY, BMI/CPI

MAKE-FIRST/BREAK-LAST MINI-FIT BMI SERIES

PRODUCT CUSTOMER DRAWING

RELEASE STATUS

P1

RELEASE DATE

2016/05/17

21:36:32

9		8		7		6		5		4		3		2		1	
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