

13 12 11 10 9 8 7 6 5 4 3 2 1

28 (71.12 / 70.61) (68.58 ± 0.25) 4 , 5
2.800 / 2.780 2.700 ± .010 24 , 25

J 27 (68.58 / 68.07) (66.04 ± 0.25) 4 , 5
2.700 / 2.680 2.600 ± .010 24 , 25

26 (66.04 / 65.53) (63.50 ± 0.25) 4 , 5
2.600 / 2.580 2.500 ± .010 20 , 21

I 25 (63.50 / 62.99) (60.96 ± 0.25) 4 , 5
2.500 / 2.480 2.400 ± .010 20 , 21

24 (60.96 / 60.45) (58.42 ± 0.25) 4 , 5
2.400 / 2.380 2.300 ± .010 20 , 21

23 (58.42 / 57.96) (55.88 ± 0.23) 4 , 5
2.300 / 2.282 2.200 ± .009 20 , 21

22 (55.88 / 55.42) (53.34 ± 0.23) 4 , 5
2.200 / 2.182 2.100 ± .009 16 , 17

H 21 (53.34 / 52.88) (50.80 ± 0.23) 4 , 5
2.100 / 2.082 2.000 ± .009 16 , 17

20 (50.80 / 50.34) (48.26 ± 0.23) 4 , 5
2.000 / 1.982 1.900 ± .009 16 , 17

G 19 (48.26 / 47.80) (45.72 ± 0.23) 4 , 5
1.900 / 1.882 1.800 ± .009 16 , 17

18 (45.72 / 45.31) (43.18 ± 0.20) 4 , 5
1.800 / 1.784 1.700 ± .008 12 , 13

17 (43.18 / 42.77) (40.64 ± 0.20) 4 , 5
1.700 / 1.684 1.600 ± .008 12 , 13

F 16 (40.64 / 40.23) (38.10 ± 0.20) 4 , 5
1.600 / 1.584 1.500 ± .008 12 , 13

15 (38.10 / 37.69) (35.56 ± 0.20) 4 , 5
1.500 / 1.484 1.400 ± .008 12 , 13

14 (35.56 / 35.20) (33.02 ± 0.18) 4 , 5
1.400 / 1.386 1.300 ± .007 8 , 9

13 (33.02 / 32.66) (30.48 ± 0.18) 4 , 5
1.300 / 1.286 1.200 ± .007 8 , 9

E 12 (30.48 / 30.12) (27.94 ± 0.18) 4 , 5
1.200 / 1.186 1.100 ± .007 8 , 9

11 (27.94 / 27.58) (25.40 ± 0.18) 4 , 5
1.100 / 1.086 1.000 ± .007 8 , 9

10 (25.40 / 25.04) (22.86 ± 0.15) 4 , 5
1.000 / .986 .900 ± .006

9 (22.86 / 22.50) (20.32 ± 0.15) 4 , 5
.900 / .886 .800 ± .006

D 8 (20.32 / 19.96) (17.78 ± 0.15) 4 , 5
.800 / .786 .700 ± .006

7 (17.78 / 17.42) (15.24 ± 0.13) 4 , 5
.700 / .686 .600 ± .005

6 (15.24 / 14.88) (12.70 ± 0.13) 4 , 5
.600 / .586 .500 ± .005

C 5 (12.70 / 12.40) (10.16 ± 0.13) NONE
.500 / .488 .400 ± .005

4 (10.16 / 9.86) (7.62 ± 0.13) NONE
.400 / .388 .300 ± .005

3 (7.62 / 7.32) (5.08 ± 0.10) NONE
.300 / .288 .200 ± .004

B 2 (5.08 / 4.78) (2.54 ± 0.05) NONE
.200 / .188 .100 ± .002

NO. OF CKTS.

DIM. A DIM. B

SLOTS LOC. AT DATUM -D-

CTKT. #1, REF SEE NOTE 7

A-7478-N***

NO. OF CKTS.

VERSION LETTER CHANGES WHEN PIN NO. OR PRESS DIM. CHANGES

PLATING SEE NOTE 2

SECONDARY OPERATIONS

CODE	PACKAGE
BLANK	BULK PK-7478-001
T	TUBE PER PK-44743-001

ADD 222 TO NOTE 2

EC NO: UCP2014-4754

DRWN: JDOX 2014/05/13

CHKD: MK/PPER 2014/05/13

APPR: FSM/TH 2014/05/16

AA1

REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .010	± .0010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± .015
0 PLACE	± .005	± .0005

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM/IN

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

MATERIAL NO.

SEE CHART

SCALE 4:1

DESIGN UNITS INCH

THIRD ANGLE PROJECTION

FRICITION LOCK HEADER ASY

.100 CL BENT SQ PINS

7478 SERIES DWG

molex

SDA-7478

SHEET NO. 1 OF 7

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

NOTES:

1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
(154) = OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
(197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
(222) = OVERALL MATTE TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
(208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
(228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
(241) = SELECT GOLD: 0.00051/.000020 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION.
CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

GROOVE MAY BE PRESENT ON 2-6 CIRCUIT PARTS (BOTH SIDES).

DIM. X TYP. (±0.38) ±.015

DIM. G GOLD

(1.07±0.15) .042±.006 TYP. AT DATUM -D-

(8.18±0.25) .322±.010

DIM. L TYP. REF.

(3.18±0.25) .125±.010

DIM. Y (±0.30) TYP. ±.012

DIM. T TIN

DIM. R

(3.25) REF. .128

DIM. Z TYP. REF.

-E-

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -E- BY MORE THAN (0.13)/.005 IN ANY DIRECTION

(2.54±0.05) .100±.002 TYP. NON-ACCUM.

(1.02±0.05) .040±.002 DIA. HOLE TYP.

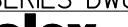
RECOMMENDED P.C. BOARD HOLE LAYOUT

	13	12	11	10	9	8	7	6	5	4	3	2	1	
J	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R	DIM. G	DIM. T				J
I	A-7478-NA222	2766-41(222) OR 4266-0667	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL				I
	A-7478-NA241	4266-0666	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135				I
	A-7478-NA241T	4266-0666	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	(4.57) .180	(3.43) .135				I
	A-7478-NA197T	4266-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL				I
H														H
														H
														H
G														G
														G
														G
F														F
														F
														F
E														E
														E
														E
D														D
														D
														D
C														C
														C
														C
B	SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDOX CHKD:MKIPPER APPR:FSMITH REV 2014/05/13 2014/05/13 2014/05/16 DESCRIPTION QUALITY SYMBOLS =0 =0 =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 MM/IN DRAWN BY DATE GUZIC 1987/07/30 CHECKED BY DATE PATEL 1987/07/30 APPROVED BY DATE FSMITH 2014/05/16 MATERIAL NO. SEE CHART SHEET NO. 2 OF 7 SCALE --- DESIGN UNITS INCH TITLE FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex DOCUMENT NO. SDA-7478													B
A	lb_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1	A

13		12		11		10		9		8		7		6		5		4		3		2		1	
A-7478-NA222				A-7478-NA241				A-7478-NA241T				A-7478-NA197T													
PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.			
22-05-302I		A-7478-2A222		22-12-2024		A-7478-2A241		50-29-1710		A-7478-2A241T		50-34-8500		A-7478-2A197T											
22-05-303I		A-7478-3A222		22-12-2034		A-7478-3A241		50-29-1711		A-7478-3A241T		50-34-8501		A-7478-3A197T											
22-05-304I		A-7478-4A222		22-12-2044		A-7478-4A241		50-29-1705		A-7478-4A241T		50-34-8502		A-7478-4A197T											
22-05-305I		A-7478-5A222		22-12-2054		A-7478-5A241		50-29-1712		A-7478-5A241T															
22-05-306I		A-7478-6A222		22-12-2064		A-7478-6A241		50-29-1713		A-7478-6A241T															
22-05-307I		A-7478-7A222		22-12-2074		A-7478-7A241		50-29-1714		A-7478-7A241T															
22-05-308I		A-7478-8A222		22-12-2084		A-7478-8A241		50-29-1715		A-7478-8A241T															
22-05-309I		A-7478-9A222		22-12-2094		A-7478-9A241		50-29-1716		A-7478-9A241T															
22-05-310I		A-7478-10A222		22-12-2104		A-7478-10A241		50-29-1717		A-7478-10A241T															
22-05-311I		A-7478-11A222		22-12-2114		A-7478-11A241		50-29-1718		A-7478-11A241T															
22-05-312I		A-7478-12A222		22-12-2124		A-7478-12A241		50-29-1719		A-7478-12A241T															
22-05-313I		A-7478-13A222		22-12-2134		A-7478-13A241		50-29-1720		A-7478-13A241T															
22-05-314I		A-7478-14A222		22-12-2144		A-7478-14A241		50-29-1721		A-7478-14A241T															
22-05-315I		A-7478-15A222		22-12-2154		A-7478-15A241		50-29-1722		A-7478-15A241T															
22-05-316I		A-7478-16A222		22-12-2164		A-7478-16A241		50-29-1723		A-7478-16A241T															
22-05-317I		A-7478-17A222		22-12-2174		A-7478-17A241		50-29-1724		A-7478-17A241T															
22-05-318I		A-7478-18A222		22-12-2184		A-7478-18A241		50-29-1725		A-7478-18A241T															
22-05-319I		A-7478-19A222		22-12-2194		A-7478-19A241		50-29-1726		A-7478-19A241T															
22-05-320I		A-7478-20A222		22-12-2204		A-7478-20A241		50-29-1727		A-7478-20A241T															
22-05-321I		A-7478-21A222		22-12-2214		A-7478-21A241		50-29-1728		A-7478-21A241T															
22-05-322I		A-7478-22A222		22-12-2224		A-7478-22A241		50-29-1729		A-7478-22A241T															
22-05-323I		A-7478-23A222		22-12-2234		A-7478-23A241		50-29-1730		A-7478-23A241T															
22-05-324I		A-7478-24A222		22-12-2244		A-7478-24A241		50-29-1731		A-7478-24A241T															
22-05-325I		A-7478-25A222		22-12-2254		A-7478-25A241		50-29-1732		A-7478-25A241T															
22-05-326I		A-7478-26A222		22-12-2264		A-7478-26A241		50-29-1733		A-7478-26A241T															
22-05-327I		A-7478-27A222		22-12-2274		A-7478-27A241		50-29-1734		A-7478-27A241T															
22-05-328I		A-7478-28A222		22-12-2284		A-7478-28A241		50-29-1735		A-7478-28A241T															

	13	12	11	10	9	8	7	6	5	4	3	2	1																																																		
J	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R	DIM. G	DIM. T					J																																																
	A-7478-NA228	42663-0664	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90° .046	(1.17) .046	(4.57) .180	(3.43) .135																																																					
I	A-7478-NE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90° .046	(1.17) .046	N/A	OVERALL					I																																																
	A-7478-NF197	42663-0622	(18.29) .720	(6.73) .265	(2.92±.25) .115±.010	(3.18) .125 REF.	90° .046	(1.17) .046	N/A	OVERALL																																																					
	A-7478-NH197	42663-0482	(16.51) .650	(7.49) .295	(2.69) .106	(0.64) .025	90° .025	(.64) .025	N/A	OVERALL																																																					
	A-7478-NM208	42663-0564	(17.53) .690	(7.57) .298	(3.63) .143	(0.64) .025	90° .025	(.64) .025	(5.08) .200	(3.43) .135																																																					
H	A-7478-NA154	42663-0668	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90° .046	(1.17) .046	N/A	OVERALL					H																																																
	A-7478-ANE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90° .046	(1.17) .046	N/A	OVERALL																																																					
	A-7478-NM197	42663-0562	(17.53) .690	(7.57) .298	(3.63) .143	(.64) .025	90° .025	(.64) .025	N/A	OVERALL																																																					
G	A-7478-NH228	42663-0483	(16.51) .650	(7.49) .295	(2.69) .106	(.64) .025	90° .025	(.64) .025	(5.08) .200	(5.08) .200					G																																																
	A-7478-NN197	42663-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90° .046	(1.17) .046	N/A	OVERALL																																																					
F	A-7478-NP197	42663-1142	(24.89) .980	(6.60) .260	(9.73) .383	(3.05) .120	90° .046	(1.17) .046	N/A	OVERALL					F																																																
E															E																																																
D															D																																																
C															C																																																
B														B																																																	
A														A																																																	
<table><tr><td rowspan="5">SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDOX 2014/05/13 CHKD:MKL 2014/05/13 APPR:FSM TH 2014/05/16 AA1</td><td rowspan="5">REV</td><td rowspan="5">DESCRIPTION</td><td rowspan="5">QUALITY SYMBOLS ▽=0 ▽=0 ▽=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM/IN</td><td>SCALE ---</td><td>DESIGN UNITS INCH</td><td colspan="2">THIRD ANGLE PROJECTION ⊙ □</td></tr><tr><td rowspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>mm</td><td>INCH</td><td>DRAWN BY GUZIC</td><td>DATE 1987/07/30</td><td colspan="2" rowspan="4">TITLE FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY PATEL</td><td>DATE 1987/07/30</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>±.010</td><td>APPROVED BY FSM TH</td><td>DATE 2014/05/16</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>±.015</td><td>MATERIAL NO. SEE CHART</td><td>DOCUMENT NO. SDA-7478</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td><td>SIZE C</td><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td>0 PLACE</td><td>± ---</td><td>± ---</td><td colspan="4"></td></tr></table>														SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDOX 2014/05/13 CHKD:MKL 2014/05/13 APPR:FSM TH 2014/05/16 AA1	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY GUZIC	DATE 1987/07/30	TITLE FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex		4 PLACES	± ---	± ---	CHECKED BY PATEL	DATE 1987/07/30	3 PLACES	± ---	±.010	APPROVED BY FSM TH	DATE 2014/05/16	2 PLACES	± 0.25	±.015	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-7478	1 PLACE	± 0.38	± ---	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				0 PLACE	± ---	± ---					
SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDOX 2014/05/13 CHKD:MKL 2014/05/13 APPR:FSM TH 2014/05/16 AA1	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □																																																					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY GUZIC	DATE 1987/07/30	TITLE FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex																																																						
					4 PLACES	± ---	± ---	CHECKED BY PATEL			DATE 1987/07/30																																																				
					3 PLACES	± ---	±.010	APPROVED BY FSM TH			DATE 2014/05/16																																																				
					2 PLACES	± 0.25	±.015	MATERIAL NO. SEE CHART			DOCUMENT NO. SDA-7478																																																				
1 PLACE	± 0.38	± ---	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																											
0 PLACE	± ---	± ---																																																													
lb_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1																																																			

13		12		11		10		9		8		7		6		5		4		3		2		1	
J	A-7478-NA228				A-7478-NE197				A-7478-NF197				A-7478-NH197				A-7478-NM208				A-7478-NA154				J
	PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		PART NO.		ENG. NO.		
	22-12-2026	A-7478-2A228	22-05-8025	A-7478-2E197			A-7478-2F197	S 22-05-8020	A-7478-2H197	S		A-7478-2M208	50-30-4424	A-7478-2A154											
	22-12-2036	A-7478-3A228		A-7478-3E197			A-7478-3F197	S 22-05-8030	A-7478-3H197	S		A-7478-3M208	50-30-4434	A-7478-3A154											
	22-12-2046	A-7478-4A228		A-7478-4E197			A-7478-4F197	S 22-05-8040	A-7478-4H197	S		A-7478-4M208	50-30-4444	A-7478-4A154											
I	22-12-2056	A-7478-5A228	22-05-8055	A-7478-5E197	22-05-9058	A-7478-5F197	S 22-05-8050	A-7478-5H197	S		A-7478-5M208														
	22-12-2066	A-7478-6A228		A-7478-6E197		A-7478-6F197	S 22-05-8060	A-7478-6H197	S		A-7478-6M208														
	22-12-2076	A-7478-7A228		A-7478-7E197		A-7478-7F197	S 22-05-8070	A-7478-7H197	S		A-7478-7M208														
	22-12-2086	A-7478-8A228		A-7478-8E197		A-7478-8F197	S 22-05-8080	A-7478-8H197	S		A-7478-8M208														
	22-12-2096	A-7478-9A228		A-7478-9E197		A-7478-9F197	S 22-05-8090	A-7478-9H197	S		A-7478-9M208														
H	22-12-2106	A-7478-10A228		A-7478-10E197		A-7478-10F197	S 22-05-8100	A-7478-10H197	S		A-7478-10M208														
	22-12-2116	A-7478-11A228		A-7478-11E197		A-7478-11F197	S 22-05-8110	A-7478-11H197	S		A-7478-11M208														
	22-12-2126	A-7478-12A228		A-7478-12E197		A-7478-12F197	S 22-05-8120	A-7478-12H197	S 22-12-2123	A-7478-12M208															
	22-12-2136	A-7478-13A228		A-7478-13E197		A-7478-13F197	S 22-05-8130	A-7478-13H197	S		A-7478-13M208														
	22-12-2146	A-7478-14A228		A-7478-14E197		A-7478-14F197	S 22-05-8140	A-7478-14H197	S		A-7478-14M208														
G	22-12-2156	A-7478-15A228		A-7478-15E197		A-7478-15F197	S 22-05-8150	A-7478-15H197	S		A-7478-15M208														
	22-12-2166	A-7478-16A228		A-7478-16E197		A-7478-16F197	S 22-05-8160	A-7478-16H197	S		A-7478-16M208														
	22-12-2176	A-7478-17A228		A-7478-17E197		A-7478-17F197	S 22-05-8170	A-7478-17H197	S		A-7478-17M208														
	22-12-2186	A-7478-18A228		A-7478-18E197		A-7478-18F197	S 22-05-8180	A-7478-18H197	S		A-7478-18M208														
	22-12-2196	A-7478-19A228		A-7478-19E197		A-7478-19F197	S 22-05-8190	A-7478-19H197	S		A-7478-19M208														
F	22-12-2206	A-7478-20A228		A-7478-20E197		A-7478-20F197	S 22-05-8200	A-7478-20H197	S		A-7478-20M208														
	22-12-2216	A-7478-21A228		A-7478-21E197		A-7478-21F197	S 22-05-8210	A-7478-21H197	S		A-7478-21M208														
	22-12-2226	A-7478-22A228		A-7478-22E197		A-7478-22F197	S 22-05-8220	A-7478-22H197	S		A-7478-22M208														
	22-12-2236	A-7478-23A228		A-7478-23E197		A-7478-23F197	S 22-05-8230	A-7478-23H197	S		A-7478-23M208														
	22-12-2246	A-7478-24A228		A-7478-24E197		A-7478-24F197	S 22-05-8240	A-7478-24H197	S		A-7478-24M208														
E	22-12-2256	A-7478-25A228		A-7478-25E197		A-7478-25F197	S 22-05-8250	A-7478-25H197	S		A-7478-25M208														
	22-12-2266	A-7478-26A228		A-7478-26E197		A-7478-26F197	S 22-05-8260	A-7478-26H197	S		A-7478-26M208														
	22-12-2276	A-7478-27A228		A-7478-27E197		A-7478-27F197	S 22-05-8270	A-7478-27H197	S		A-7478-27M208														
	22-12-2286	A-7478-28A228		A-7478-28E197		A-7478-28F197	S 22-05-8280	A-7478-28H197	S		A-7478-28M208														

SEE SHEET 1 EC NO: UCP2014-4754 DRAWN: DFOX CHKD:MKJ/PPR APPR:FSMTH AA1	2014/05/13	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
	2014/05/13			mm	INCH	DRAWN BY GUZIC	DATE 1987/07/30	TITLE FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG		
	2014/05/16		 =0	4 PLACES ± --- ± ---	CHECKED BY PATEL	DATE 1987/07/30	 SDA-7478			
			 =0	3 PLACES ± --- ± .010	APPROVED BY	DATE				
			 =0	2 PLACES ± 0.25 ± .015	FSMITH	2014/05/16				
				1 PLACE ± 0.38 ± ---						
				0 PLACE ± --- ± 1/2°						
	REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO.	SHEET NO. 5 OF 7	
						SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	13	12	11	10	9	8	7	6	5	4	3	2	1														
J	A-7478-NH228				A-7478-NN197		A-7478-NP197							J													
	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.			PART NO.	ENG. NO.	PART NO.	ENG. NO.															
	22-I6-3026	A-7478-2H228				A-7478-2N197	50-29-0033	A-7478-2P197																			
	22-I6-3036	A-7478-3H228				A-7478-3N197		A-7478-3P197																			
	22-I6-3046	A-7478-4H228				A-7478-4N197		A-7478-4P197																			
	22-I6-3056	A-7478-5H228				A-7478-5N197	22-05-8053	A-7478-5P197																			
I	22-I6-3066	A-7478-6H228				A-7478-6N197		A-7478-6P197					I														
	22-I6-3076	A-7478-7H228				A-7478-7N197		A-7478-7P197																			
	22-I6-3086	A-7478-8H228				A-7478-8N197		A-7478-8P197																			
	22-I6-3096	A-7478-9H228				A-7478-9N197		A-7478-9P197																			
	22-I6-3106	A-7478-10H228				A-7478-10N197		A-7478-10P197																			
	22-I6-3116	A-7478-11H228				A-7478-11N197		A-7478-11P197																			
H	22-I6-3126	A-7478-12H228				A-7478-12N197		A-7478-12P197					H														
	22-I6-3136	A-7478-13H228				A-7478-13N197		A-7478-13P197																			
	22-I6-3146	A-7478-14H228				A-7478-14N197		A-7478-14P197																			
	22-I6-3156	A-7478-15H228				A-7478-15N197		A-7478-15P197																			
	22-I6-3166	A-7478-16H228				A-7478-16N197		A-7478-16P197																			
	22-I6-3176	A-7478-17H228			22-59-5176	A-7478-17N197		A-7478-17P197																			
G	22-I6-3186	A-7478-18H228				A-7478-18N197		A-7478-18P197					G														
	22-I6-3196	A-7478-19H228				A-7478-19N197		A-7478-19P197																			
	22-I6-3206	A-7478-20H228				A-7478-20N197		A-7478-20P197																			
	22-I6-3216	A-7478-21H228				A-7478-21N197		A-7478-21P197																			
	22-I6-3226	A-7478-22H228				A-7478-22N197		A-7478-22P197																			
	22-I6-3236	A-7478-23H228				A-7478-23N197		A-7478-23P197																			
	22-I6-3246	A-7478-24H228				A-7478-24N197		A-7478-24P197																			
	22-I6-3256	A-7478-25H228				A-7478-25N197		A-7478-25P197																			
	22-I6-3266	A-7478-26H228				A-7478-26N197		A-7478-26P197																			
E	22-I6-3276	A-7478-27H228				A-7478-27N197		A-7478-27P197					E														
	22-I6-3286	A-7478-28H228				A-7478-28N197		A-7478-28P197																			
D														D													
C														C													
B														B													
A														A													
SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDOX CHKD:MK1PPER APPR:FSM1TH 2014/05/13 2014/05/13 2014/05/16 DESCRIPTION REV QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.25 1 PLACE ± 0.38 0 PLACE ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM/IN DRAWN BY GUZIC DATE 1987/07/30 CHECKED BY PATEL DATE 1987/07/30 APPROVED BY FSM1TH DATE 2014/05/16 SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex MATERIAL NO. SEE CHART DOCUMENT NO. SDA-7478 SHEET NO. 7 OF 7 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <tr><td>lb_frame_C_P_AM_T Rev. G 2012/01/11</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr>														lb_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1	
lb_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1															