

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 4 , 5

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

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

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

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

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

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

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

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

NO. OF CKTS. DIM. A DIM. B SLOTS LOC.

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

RECESSED GATE MAY BE PRESENT ON 2-25 CKT PARTS. LOCATION VARIES.

(1.3) .05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN (0.20)/.008 IN ANY DIRECTION

SLOTS LOCATED BETWEEN CIRCUITS (SEE CHART)

(2.54±0.05) .100±.002 TYP. BETWEEN ANY TWO CONSECUTIVE CKTS. AT DATUM -D-

CKT. #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

REV

QUALITY SYMBOLS

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

FSM/TH 2014/05/16

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

DOCUMENT NO.

SHEET NO. 1 OF 7

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

1b_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	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																															
	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																															
	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																															
	A-7478-NA197T		4266-0662		(18.80) .740		(6.71) .264		(3.58) .141		(3.05) .120		90°		(1.17) .046		N/A		OVERALL																															
H																																																		
G																																																		
F																																																		
E																																																		
D																																																		
C																																																		
B																																																		
A																																																		
SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDFX CHKD:MKIPPER APPR:FSMITH 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 DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO. SEE CHART SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex DOCUMENT NO. SDA-7478 SHEET NO. 2 OF 7 SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <tr><td colspan="2">lb_frame_C_P_AM_T Rev. G 2012/01/11</td><td colspan="2">12</td><td colspan="2">11</td><td colspan="2">10</td><td colspan="2">9</td><td colspan="2">8</td><td colspan="2">7</td><td colspan="2">6</td><td colspan="2">5</td><td colspan="2">4</td><td colspan="2">3</td><td colspan="2">2</td><td colspan="2">1</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																										

	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								
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.	J
	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							
I	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									I
	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									
H	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									H
	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									
G	22-05-316I	A-7478-16A222	22-12-2164	A-7478-16A241	50-29-1723	A-7478-16A241T									G
	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									
F	22-05-321I	A-7478-21A222	22-12-2214	A-7478-21A241	50-29-1728	A-7478-21A241T									F
	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									
E	22-05-327I	A-7478-27A222	22-12-2274	A-7478-27A241	50-29-1734	A-7478-27A241T									E
	22-05-328I	A-7478-28A222	22-12-2284	A-7478-28A241	50-29-1735	A-7478-28A241T									
D														D	
C														C	
B														B	
A														A	

	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-NA228	42663-0664	(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-NE197	42663-0742	(19.81) .780	(7.75) .305	(3.56) .140	(3.05) .120	90°	(1.17) .046	N/A	OVERALL																		
	A-7478-NF197	42663-0622	(18.29) .720	(6.73) .265	(2.92±.25) .115±.010	(3.18) .125 REF.	90°	(1.17) .046	N/A	OVERALL																		
	A-7478-NH197	42663-0482	(16.51) .650	(7.49) .295	(2.69) .106	(0.64) .025	90°	(.64) .025	N/A	OVERALL																		
	A-7478-NM208	42663-0564	(17.53) .690	(7.57) .298	(3.63) .143	(0.64) .025	90°	(.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°	(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°	(1.17) .046	N/A	OVERALL																		
	A-7478-NM197	42663-0562	(17.53) .690	(7.57) .298	(3.63) .143	(.64) .025	90°	(.64) .025	N/A	OVERALL																		
	A-7478-NH228	42663-0483	(16.51) .650	(7.49) .295	(2.69) .106	(.64) .025	90°	(.64) .025	(5.08) .200	(5.08) .200																		
G															G													
	A-7478-NN197	42663-0662	(18.80) .740	(6.71) .264	(3.58) .141	(3.05) .120	90°	(1.17) .046	N/A	OVERALL																		
	A-7478-NP197	42663-1142	(24.89) .980	(6.60) .260	(9.73) .383	(3.05) .120	90°	(1.17) .046	N/A	OVERALL																		
F															F													
E															E													
D															D													
C															C													
B															B													
A															A													
							SEE SHEET 1 EC NO: UCP2014-4754 DRWN:JDOX 2014/05/13 CHKD:MKL 2014/05/13 APPR:FSM TH 2014/05/16 REV AA1		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 FSM TH 2014/05/16		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION TITLE FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-7478		SHEET NO. 4 OF 7			
							SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
1b_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.			
I	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	I	
	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		
	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				
H	22-12-2086	A-7478-8A228		A-7478-8E197		A-7478-8F197	S	22-05-8080	A-7478-8H197	S	A-7478-8M208			H	
	22-12-2096	A-7478-9A228		A-7478-9E197		A-7478-9F197	S	22-05-8090	A-7478-9H197	S	A-7478-9M208				
	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				
G	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			F	
	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				
	22-12-2256	A-7478-25A228		A-7478-25E197		A-7478-25F197	S	22-05-8250	A-7478-25H197	S	A-7478-25M208				
E	22-12-2266	A-7478-26A228		A-7478-26E197		A-7478-26F197	S	22-05-8260	A-7478-26H197	S	A-7478-26M208			E	
	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				
D													D		
C													C		
B													B		
A													A		
SEE SHEET 1 EC NO: UCP2014-4754 2014/05/13 DRWN:JDOFX 2014/05/13 CHKD:MKIPPR 2014/05/16 APPR:FSMITH DESCRIPTION REV 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 SIZE C SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE FRICITION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG molex DOCUMENT NO. SDA-7478 SHEET NO. 5 OF 7 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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-ANE197				A-7478-NM197												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.				
I											A-7478-A2E197		22-12-4028		A-7478-2M197										I		
											A-7478-A3E197		22-12-4038		A-7478-3M197												
											A-7478-A4E197		22-12-4048		A-7478-4M197												
									22-05-3055		A-7478-A5E197		22-12-4058		A-7478-5M197												
											A-7478-A6E197		22-12-4068		A-7478-6M197												
									22-05-3075		A-7478-A7E197		22-12-4078		A-7478-7M197												
H											A-7478-A8E197		22-12-4088		A-7478-8M197										H		
											A-7478-A9E197		22-12-4098		A-7478-9M197												
											A-7478-A10E197		22-12-4108		A-7478-10M197												
											A-7478-A11E197		22-12-4118		A-7478-11M197												
											A-7478-A12E197		22-12-4128		A-7478-12M197												
											A-7478-A13E197		22-12-4138		A-7478-13M197												
G											A-7478-A14E197		22-12-4148		A-7478-14M197										G		
											A-7478-A15E197		22-12-4158		A-7478-15M197												
											A-7478-A16E197		22-12-4168		A-7478-16M197												
											A-7478-A17E197		22-12-4178		A-7478-17M197												
											A-7478-A18E197		22-12-4188		A-7478-18M197												
									22-05-3195		A-7478-A19E197		22-12-4198		A-7478-19M197												
F											A-7478-A20E197		22-12-4208		A-7478-20M197										F		
											A-7478-A21E197		22-12-4218		A-7478-21M197												
											A-7478-A22E197		22-12-4228		A-7478-22M197												
											A-7478-A23E197		22-12-4238		A-7478-23M197												
											A-7478-A24E197		22-12-4248		A-7478-24M197												
											A-7478-A25E197		22-12-4258		A-7478-25M197												
E											A-7478-A26E197		22-12-4268		A-7478-26M197										E		
											A-7478-A27E197		22-12-4278		A-7478-27M197												
											A-7478-A28E197		22-12-4288		A-7478-28M197												
D																											
C																											
B																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											
A																											

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								
I	22-I6-3046			A-7478-4H228									A-7478-4N197						A-7478-4P197						I	
	22-I6-3056			A-7478-5H228									A-7478-5N197			22-05-8053			A-7478-5P197							
	22-I6-3066			A-7478-6H228									A-7478-6N197						A-7478-6P197							
H	22-I6-3076			A-7478-7H228									A-7478-7N197						A-7478-7P197						H	
	22-I6-3086			A-7478-8H228									A-7478-8N197						A-7478-8P197							
	22-I6-3096			A-7478-9H228									A-7478-9N197						A-7478-9P197							
G	22-I6-3106			A-7478-10H228									A-7478-10N197						A-7478-10P197						G	
	22-I6-3116			A-7478-11H228									A-7478-11N197						A-7478-11P197							
	22-I6-3126			A-7478-12H228									A-7478-12N197						A-7478-12P197							
F	22-I6-3136			A-7478-13H228									A-7478-13N197						A-7478-13P197						F	
	22-I6-3146			A-7478-14H228									A-7478-14N197						A-7478-14P197							
	22-I6-3156			A-7478-15H228									A-7478-15N197						A-7478-15P197							
E	22-I6-3166			A-7478-16H228									A-7478-16N197						A-7478-16P197						E	
	22-I6-3176			A-7478-17H228						22-59-5176			A-7478-17N197						A-7478-17P197							
	22-I6-3186			A-7478-18H228									A-7478-18N197						A-7478-18P197							
D	22-I6-3196			A-7478-19H228									A-7478-19N197						A-7478-19P197						D	
	22-I6-3206			A-7478-20H228									A-7478-20N197						A-7478-20P197							
	22-I6-3216			A-7478-21H228									A-7478-21N197						A-7478-21P197							
C	22-I6-3226			A-7478-22H228									A-7478-22N197						A-7478-22P197						C	
	22-I6-3236			A-7478-23H228									A-7478-23N197						A-7478-23P197							
	22-I6-3246			A-7478-24H228									A-7478-24N197						A-7478-24P197							
B	22-I6-3256			A-7478-25H228									A-7478-25N197						A-7478-25P197						B	
	22-I6-3266			A-7478-26H228									A-7478-26N197						A-7478-26P197							
	22-I6-3276			A-7478-27H228									A-7478-27N197						A-7478-27P197							
A	22-I6-3286			A-7478-28H228									A-7478-28N197						A-7478-28P197						A	