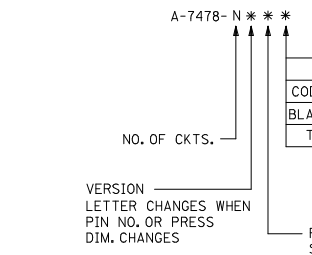
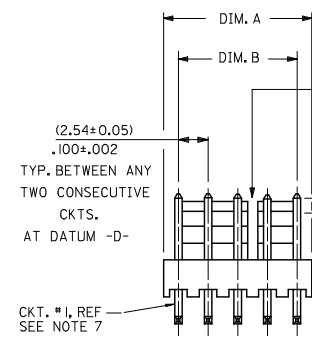
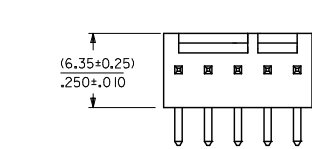
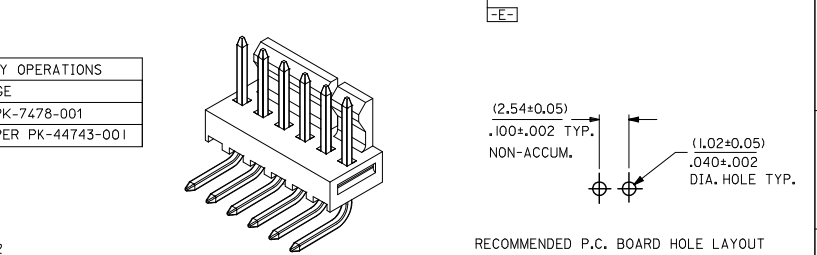
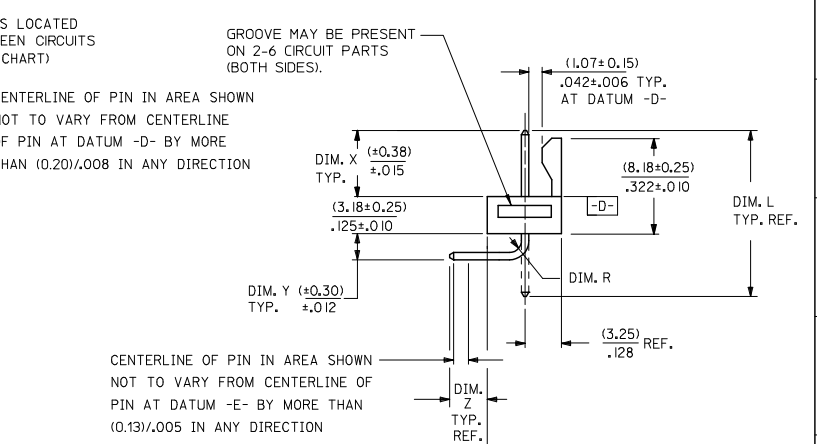


	13	12	11	10	9	8	7	6	5	4	3	2	1
J	28	(71.12 / 70.61) 2.800 / 2.780	(68.58 ± 0.25) 2.700 ± .010	4 , 5 24 , 25									
	27	(68.58 / 68.07) 2.700 / 2.680	(66.04 ± 0.25) 2.600 ± .010	4 , 5 24 , 25									
I	26	(66.04 / 65.53) 2.600 / 2.580	(63.50 ± 0.25) 2.500 ± .010	4 , 5 20 , 21									
	25	(63.50 / 62.99) 2.500 / 2.480	(60.96 ± 0.25) 2.400 ± .010	4 , 5 20 , 21									
H	24	(60.96 / 60.45) 2.400 / 2.380	(58.42 ± 0.25) 2.300 ± .010	4 , 5 20 , 21									
	23	(58.42 / 57.96) 2.300 / 2.282	(55.88 ± 0.23) 2.200 ± .009	4 , 5 20 , 21									
	22	(55.88 / 55.42) 2.200 / 2.182	(53.34 ± 0.23) 2.100 ± .009	4 , 5 16 , 17									
G	21	(53.34 / 52.88) 2.100 / 2.082	(50.80 ± 0.23) 2.000 ± .009	4 , 5 16 , 17									
	20	(50.80 / 50.34) 2.000 / 1.982	(48.26 ± 0.23) 1.900 ± .009	4 , 5 16 , 17									
F	19	(48.26 / 47.80) 1.900 / 1.882	(45.72 ± 0.23) 1.800 ± .009	4 , 5 16 , 17									
	18	(45.72 / 45.31) 1.800 / 1.784	(43.18 ± 0.20) 1.700 ± .008	4 , 5 12 , 13									
E	17	(43.18 / 42.77) 1.700 / 1.684	(40.64 ± 0.20) 1.600 ± .008	4 , 5 12 , 13									
	16	(40.64 / 40.23) 1.600 / 1.584	(38.10 ± 0.20) 1.500 ± .008	4 , 5 12 , 13									
D	15	(38.10 / 37.69) 1.500 / 1.484	(35.56 ± 0.20) 1.400 ± .008	4 , 5 12 , 13									
C	14	(35.56 / 35.20) 1.400 / 1.386	(33.02 ± 0.18) 1.300 ± .007	4 , 5 8 , 9									
	13	(33.02 / 32.66) 1.300 / 1.286	(30.48 ± 0.18) 1.200 ± .007	4 , 5 8 , 9									
B	12	(30.48 / 30.12) 1.200 / 1.186	(27.94 ± 0.18) 1.100 ± .007	4 , 5 8 , 9									
A	11	(27.94 / 27.58) 1.100 / 1.086	(25.40 ± 0.18) 1.000 ± .007	4 , 5 8 , 9									
	10	(25.40 / 25.04) 1.000 / .986	(22.86 ± 0.15) .900 ± .006	4 , 5									
	9	(22.86 / 22.50) .900 / .886	(20.32 ± 0.15) .800 ± .006	4 , 5									
	8	(20.32 / 19.96) .800 / .786	(17.78 ± 0.15) .700 ± .006	4 , 5									
	7	(17.78 / 17.42) .700 / .686	(15.24 ± 0.13) .600 ± .005	4 , 5									
	6	(15.24 / 14.88) .600 / .586	(12.70 ± 0.13) .500 ± .005	4 , 5									
	5	(12.70 / 12.40) .500 / .488	(10.16 ± 0.13) .400 ± .005	NONE									
	4	(10.16 / 9.86) .400 / .388	(7.62 ± 0.13) .300 ± .005	NONE									
	3	(7.62 / 7.32) .300 / .288	(5.08 ± 0.10) .200 ± .004	NONE									
	2	(5.08 / 4.78) .200 / .188	(2.54 ± 0.05) .100 ± .002	NONE									



NOTES:

- MATERIAL: NYLON, UL94V-0, COLOR: WHITE
- FINISH:
 - (102) - OVERALL TIN: (0.00508)/.000200 MIN., OVERALL COPPER UNDERPLATE: (0.00254)/.000100 MIN.
 - (154) - OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (501) - OVERALL GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
 - (503) - OVERALL GOLD: (0.00076)/.000030 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
 - (531) - OVERALL GOLD: (0.00038)/.000015 MIN., OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
- PACKAGING INFORMATION: SEE LEGEND.
- PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
- PIN PUSH OUT FORCE: 2 LBS. MIN.
- CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
4 PLACES	±.005
3 PLACES	±.010
2 PLACES	±.015
1 PLACE	±.030
ANGULAR ±1/2°	

DIMENSION STYLE	
MM/IN	
DRAWN BY: GUZIC DATE: 1987/07/30	
CHECKED BY: PATEL DATE: 1987/07/30	
APPROVED BY: LENZ DATE: 1987/07/30	
MATERIAL NO. SDA-7478	
DOCUMENT NO. SDA-7478	
SHEET NO. 1 OF 7	

TITLE	
FRICTION LOCK HEADER ASY	
.100 CL BENT SQ PINS	
7478 SERIES DWG	
MOLEX INCORPORATED	
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	ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R								ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. T	J		
	A	A-7478-NA I02	2766-4 (I02)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																	
I	A-7478-NA50I	2766-4 (I50 I)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																		
I	A-7478-NA50IT	2766-4 (I50 I)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																		
I	A-7478-NA I02T	2766-4 (I02)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046																		
H																										
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B								ADD A-7478-NA I02T SEC NO. UCP2006-1815 2006/02/06 Y0 DRW:WADERR CHK:KJELHAG 2006/02/06 APP:RSMITH 2006/02/09 Y9		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±---°	DIMENSION STYLE IN/MM DRAWN BY SUZIK DATE 1987/07/10 CHECKED BY DATE PATEL 1987/07/10 APPROVED BY LENZ DATE 1987/07/10	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-7478	SHEET NO. 2 OF 7	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
A																										

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	13	12	11	10	9	8	7	6	5	4	3	2	1																			
	A-7478-NA I02		A-7478-NA50 I		A-7478-NA50 I T		A-7478-NA I02 T																									
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.	PART NO.	ENG. NO.																		
	22-05-3021	A-7478-2A I02	22-12-2024	A-7478-2A50 I	50-29-1710	A-7478-2A50 I T	50-34-8500	A-7478-2A I02 T																								
	22-05-3031	A-7478-3A I02	22-12-2034	A-7478-3A50 I	50-29-1711	A-7478-3A50 I T	50-34-8501	A-7478-3A I02 T																								
	22-05-3041	A-7478-4A I02	22-12-2044	A-7478-4A50 I	50-29-1705	A-7478-4A50 I T	50-34-8502	A-7478-4A I02 T																								
I	22-05-3051	A-7478-5A I02	22-12-2054	A-7478-5A50 I	50-29-1712	A-7478-5A50 I T																										
	22-05-3061	A-7478-6A I02	22-12-2064	A-7478-6A50 I	50-29-1713	A-7478-6A50 I T																										
	22-05-3071	A-7478-7A I02	22-12-2074	A-7478-7A50 I	50-29-1714	A-7478-7A50 I T																										
	22-05-3081	A-7478-8A I02	22-12-2084	A-7478-8A50 I	50-29-1715	A-7478-8A50 I T																										
H	22-05-3091	A-7478-9A I02	22-12-2094	A-7478-9A50 I	50-29-1716	A-7478-9A50 I T																										
	22-05-3101	A-7478-10A I02	22-12-2104	A-7478-10A50 I	50-29-1717	A-7478-10A50 I T																										
	22-05-3111	A-7478-11A I02	22-12-2114	A-7478-11A50 I	50-29-1718	A-7478-11A50 I T																										
	22-05-3121	A-7478-12A I02	22-12-2124	A-7478-12A50 I	50-29-1719	A-7478-12A50 I T																										
	22-05-3131	A-7478-13A I02	22-12-2134	A-7478-13A50 I	50-29-1720	A-7478-13A50 I T																										
	22-05-3141	A-7478-14A I02	22-12-2144	A-7478-14A50 I	50-29-1721	A-7478-14A50 I T																										
G	22-05-3151	A-7478-15A I02	22-12-2154	A-7478-15A50 I	50-29-1722	A-7478-15A50 I T																										
	22-05-3161	A-7478-16A I02	22-12-2164	A-7478-16A50 I	50-29-1723	A-7478-16A50 I T																										
	22-05-3171	A-7478-17A I02	22-12-2174	A-7478-17A50 I	50-29-1724	A-7478-17A50 I T																										
	22-05-3181	A-7478-18A I02	22-12-2184	A-7478-18A50 I	50-29-1725	A-7478-18A50 I T																										
	22-05-3191	A-7478-19A I02	22-12-2194	A-7478-19A50 I	50-29-1726	A-7478-19A50 I T																										
F	22-05-3201	A-7478-20A I02	22-12-2204	A-7478-20A50 I	50-29-1727	A-7478-20A50 I T																										
	22-05-3211	A-7478-21A I02	22-12-2214	A-7478-21A50 I	50-29-1728	A-7478-21A50 I T																										
	22-05-3221	A-7478-22A I02	22-12-2224	A-7478-22A50 I	50-29-1729	A-7478-22A50 I T																										
	22-05-3231	A-7478-23A I02	22-12-2234	A-7478-23A50 I	50-29-1730	A-7478-23A50 I T																										
	22-05-3241	A-7478-24A I02	22-12-2244	A-7478-24A50 I	50-29-1731	A-7478-24A50 I T																										
	22-05-3251	A-7478-25A I02	22-12-2254	A-7478-25A50 I	50-29-1732	A-7478-25A50 I T																										
	22-05-3261	A-7478-26A I02	22-12-2264	A-7478-26A50 I	50-29-1733	A-7478-26A50 I T																										
E	22-05-3271	A-7478-27A I02	22-12-2274	A-7478-27A50 I	50-29-1734	A-7478-27A50 I T																										
	22-05-3281	A-7478-28A I02	22-12-2284	A-7478-28A50 I	50-29-1735	A-7478-28A50 I T																										
D																																
C																																
B																																
A																																
	ADD PINS EC NO. UCP2006-1815 2006/02/06 DRW:ADBR 2006/02/06 CHK:BELHAG 2006/02/06 APP:FSMTH 2006/02/09 REV DESCRIPTION		QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.008</td> <td>±.0008</td> </tr> <tr> <td>2 PLACES</td> <td>±.012</td> <td>±.0012</td> </tr> <tr> <td>1 PLACE</td> <td>±.015</td> <td>±.0015</td> </tr> <tr> <td>ANGULAR</td> <td>±.005°</td> <td></td> </tr> </table>			mm	INCH	4 PLACES	±.005	±.0005	3 PLACES	±.008	±.0008	2 PLACES	±.012	±.0012	1 PLACE	±.015	±.0015	ANGULAR	±.005°		DIMENSION STYLE IN/MM		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
	mm	INCH																														
4 PLACES	±.005	±.0005																														
3 PLACES	±.008	±.0008																														
2 PLACES	±.012	±.0012																														
1 PLACE	±.015	±.0015																														
ANGULAR	±.005°																															
DRAWN BY SUZIK DATE 1987/07/10		CHECKED BY PATEL DATE 1987/07/10		APPROVED BY LENZ DATE 1987/07/10		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-7478		SHEET NO. 3 OF 7																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				

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