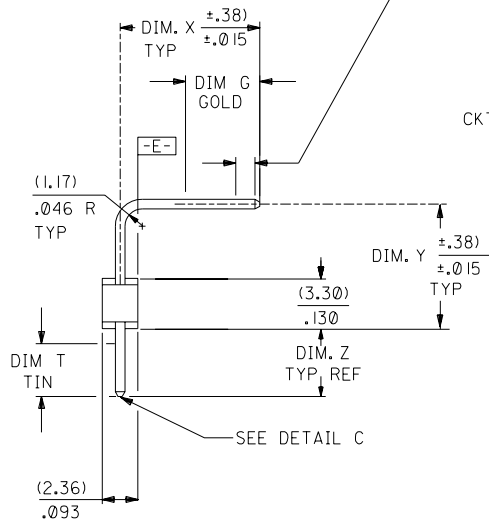
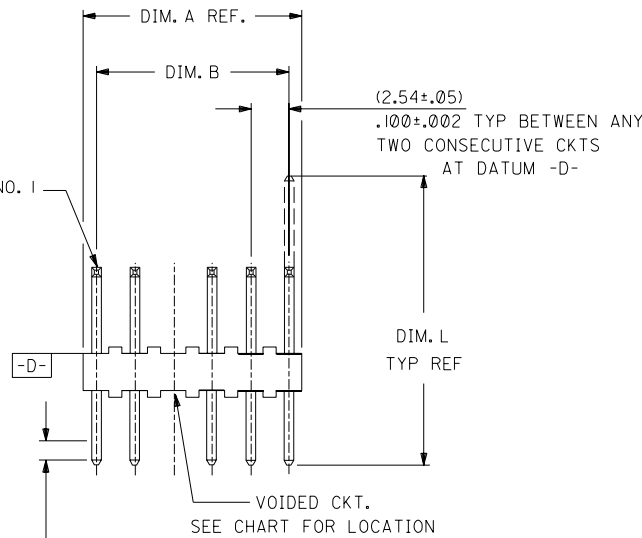


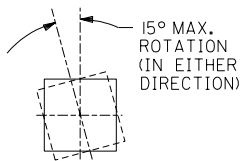
CENTERLINE OF PIN IN AREA SHOWN (1.3)
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -E- BY
MORE THAN .008 IN ANY DIRECTION



CKT NO. 1



(1.3)
.05
CENTERLINE OF PIN IN AREA SHOWN
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -D- BY
MORE THAN .005 IN ANY DIRECTION



DETAIL C TYP.

NOTES:

- PRECEDING ENG. NO. IN CHART DESIGNATES STANDARD PRODUCT.
- SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF (230° C) 446° F FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR OTHER INFORMATION SEE ES-152.
- PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 2 POUND MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
- FOR ADDITIONAL INFORMATION AND TESTING PROCEDURES SEE PS-10-07.
- PARTS ARE STACKABLE END TO END ON .100 CENTERS.
- BOW: .007 IN/IN

MATERIAL: HEADER: GLASS FILLED NYLON, COLOR NATURAL (WHITE)
PIN: BRASS OR PHOS BRONZE

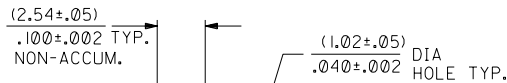
FINISH: PER ES-88

- (102) OVERALL TIN: .00508 MICROMETERS MIN OVER .00254 MIN COPPER.
- (208) SELECT GOLD: .00038 MICROMETERS MIN,
*SELECT TIN: .00254 MICROMETERS MIN,
OVERALL NICKEL UNDERPLATE: .00127 MICROMETERS MIN.
- (228) SELECT GOLD: .000762 MICROMETERS MIN,
*SELECT TIN: .00254 MICROMETERS MIN,
OVERALL NICKEL UNDERPLATE: .00127 MICROMETERS MIN.

*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.

A-42153-***-*****-***
NO OF CKTS
OPTION CODE
SEE CHART
VOID LOCATION
SEE CHART
PLATING CODE

28	(68.58 ± .28)	(70.87
	2.700 ± .011	2.790
27	(66.04 ± .28)	(68.33
	2.600 ± .011	2.690
26	(63.50 ± .28)	(65.79
	2.500 ± .011	2.590
25	(60.96 ± .28)	(63.25
	2.400 ± .011	2.490
24	(58.42 ± .25)	(60.71
	2.300 ± .010	2.390
23	(55.88 ± .25)	(58.17
	2.200 ± .010	2.290
22	(53.34 ± .25)	(55.63
	2.100 ± .010	2.190
21	(50.80 ± .25)	(53.09
	2.000 ± .010	2.090
20	(48.26 ± .23)	(50.55
	1.900 ± .009	1.990
19	(45.72 ± .23)	(48.01
	1.800 ± .009	1.890
18	(43.18 ± .23)	(45.47
	1.700 ± .009	1.790
17	(40.64 ± .23)	(42.93
	1.600 ± .009	1.690
16	(38.10 ± .20)	(40.39
	1.500 ± .008	1.590
15	(35.56 ± .20)	(37.85
	1.400 ± .008	1.490
14	(33.02 ± .20)	(35.31
	1.300 ± .008	1.390
13	(30.48 ± .20)	(32.77
	1.200 ± .008	1.290
12	(27.94 ± .20)	(30.23
	1.100 ± .008	1.190
11	(25.40 ± .18)	(27.69
	1.000 ± .007	1.090
10	(22.86 ± .18)	(25.15
	.900 ± .007	.990
9	(20.32 ± .18)	(22.61
	.800 ± .007	.890
8	(17.78 ± .15)	(20.07
	.700 ± .006	.790
7	(15.24 ± .15)	(17.53
	.600 ± .006	.690
6	(12.70 ± .15)	(14.99
	.500 ± .006	.590
5	(10.16 ± .13)	(12.45
	.400 ± .005	.490
4	(7.62 ± .13)	(9.91
	.300 ± .005	.390
3	(5.08 ± .13)	(7.37
	.200 ± .005	.290
2	(2.54 ± .05)	(4.83
	.100 ± .002	.190
NO. OF CKTS.	DIM. B	DIM. A



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

6	C2
5	J
4	J
3	K
2	K
1	K

MFG. SH. REV.

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM	
3 PLACE ± .010		TITLE	
2 PLACE ± .015 ± 0.25		FLAT HEADER ASSY (4094 WITH DIFFERENT MATL) 42153 SERIES DWG	
1 PLACE ± 0.38		MOLEX INCORPORATED SHEET NO. DATE LISE,ILL. 60532 U.S.A. 1 OF 6 11/20/87	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO. DRWG. NO.	
DRAWN BY: SAMIEC		SEE CHART SDA-42153	
CHK'D BY: PATEL		FILE NAME: S42153X1	
APPR'D BY: LENZ		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
L.T.R. REVISIONS		DIV. SIZE: KK C	

	13	12	11	10	9	8	7	6	42153		4	3	2	1				
J	ENG. NO.		HEADER NO	PIN NO	DIM L	DIM X	DIM G GOLD	DIM Z	DIM T TIN	DIM Y	DIM W	KINKED PINS	PACKAGING	EDP ON SHT/COL				
	A-42153-N-001102-*	42151-N	2766-3(102)	(17.45) .687	(8.99) .354		(3.15) .124			(5.99) .236	90°	NO	BULK	3 / 1				
I	A-42153-N-001501-*	42151-N	2766-3(501)	(17.45) .687	(8.99) .354		(3.15) .124			(5.99) .236	90°	NO	BULK	3 / 2				
	A-42153-N-007208-*	42151-N	42663-CGB208	(17.53) .690	(9.02) .355	(6.60) .260	(3.20) .126	(2.54) .100		(5.99) .236	90°	NO	BULK	3 / 3				
	A-42153-N-007228-*	42151-N	42663-CGB228	(17.53) .690	(9.02) .355	(6.60) .260	(3.20) .126	(2.54) .100		(5.99) .236	90°	NO	BULK	3 / 4				
H														/				
														/				
														/				
G														/				
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F														/				
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														/				
B														/				
														/				
A						SEE SHEET I		SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ =	▼ =	REVISE ONLY ON CAD SYSTEM					
						SEE SHEET I		SEE SHEET I	INCH METRIC		TITLE FLAT HEADER ASSEMBLY (4094 WITH DIFFERENT MATERIAL) 42153 SERIES DWG							
						SEE SHEET I	K	SEE SHEET I	3 PLACE ± ±		MOLEX INCORPORATED U.S.A.		SHEET NO. 2		DATE 11/20/87			
						SEE SHEET I	H	SEE SHEET I	2 PLACE ± ±		PART NO. SD A-42153							
						SEE SHEET I	GI	SEE SHEET I	1 PLACE ± ±		SEE CHART							
						SEE SHEET I	A	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWG. NO.							
						LTR.	REVISIONS	LTR.	REVISIONS	DRWG. BY SAMJEC		CHK'D. BY PATEL						
									APP'D. BY LENZ		SCALE :		FILE NAME S42153X2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			
									DIV. KK		SIZE C							

A-42153-N-001102-*			A-42153-N-001501-*			A-42153-N-007208-*			A-42153-N-007228-*		
PART NO.	ENG. NO.(SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO.(SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO.(SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO.(SUFFIX ONLY)	VOID CKT.
22-67-2020	*-2-001102		22-67-3020	*-2-001501		22-12-3020	*-2-007208		22-67-3021	*-2-007228	
22-67-2030	*-3-001102		22-67-3030	*-3-001501		22-12-3030	*-3-007208		22-67-3031	*-3-007228	
22-67-2040	*-4-001102		22-67-3040	*-4-001501		22-12-3040	*-4-007208		22-67-3041	*-4-007228	
22-67-2050	*-5-001102		22-67-3050	*-5-001501		22-12-3050	*-5-007208		22-67-3051	*-5-007228	
22-67-2060	*-6-001102		22-67-3060	*-6-001501		22-12-3060	*-6-007208		22-67-3061	*-6-007228	
22-67-2070	*-7-001102		22-67-3070	*-7-001501		22-12-3070	*-7-007208		22-67-3071	*-7-007228	
22-67-2080	*-8-001102		22-67-3080	*-8-001501		22-12-3080	*-8-007208		22-67-3081	*-8-007228	
22-67-2090	*-9-001102		22-67-3090	*-9-001501		22-12-3090	*-9-007208		22-67-3091	*-9-007228	
22-67-2100	*-10-001102		22-67-3100	*-10-001501		22-12-3100	*-10-007208		22-67-3101	*-10-007228	
22-67-2110	*-11-001102		22-67-3110	*-11-001501		22-12-3110	*-11-007208		22-67-3111	*-11-007228	
22-67-2120	*-12-001102		22-67-3120	*-12-001501		22-12-3120	*-12-007208		22-67-3121	*-12-007228	
22-67-2130	*-13-001102		22-67-3130	*-13-001501		22-12-3130	*-13-007208		22-67-3131	*-13-007228	
22-67-2140	*-14-001102		22-67-3140	*-14-001501		22-12-3140	*-14-007208		22-67-3141	*-14-007228	
22-67-2150	*-15-001102		22-67-3150	*-15-001501		22-12-3150	*-15-007208		22-67-3151	*-15-007228	
22-67-2160	*-16-001102		22-67-3160	*-16-001501		22-12-3160	*-16-007208		22-67-3161	*-16-007228	
22-67-2170	*-17-001102		22-67-3170	*-17-001501		22-12-3170	*-17-007208		22-67-3171	*-17-007228	
22-67-2180	*-18-001102		22-67-3180	*-18-001501		22-12-3180	*-18-007208		22-67-3181	*-18-007228	
22-67-2190	*-19-001102		22-67-3190	*-19-001501		22-12-3190	*-19-007208		22-67-3191	*-19-007228	
22-67-2200	*-20-001102		22-67-3200	*-20-001501		22-12-3200	*-20-007208		22-67-3201	*-20-007228	
22-67-2210	*-21-001102		22-67-3210	*-21-001501		22-12-3210	*-21-007208		22-67-3211	*-21-007228	
22-67-2220	*-22-001102		22-67-3220	*-22-001501		22-12-3220	*-22-007208		22-67-3221	*-22-007228	
22-67-2230	*-23-001102		22-67-3230	*-23-001501		22-12-3230	*-23-007208		22-67-3231	*-23-007228	
22-67-2240	*-24-001102		22-67-3240	*-24-001501		22-12-3240	*-24-007208		22-67-3241	*-24-007228	
22-67-2250	*-25-001102		22-67-3250	*-25-001501		22-12-3250	*-25-007208		22-67-3251	*-25-007228	
22-67-2260	*-26-001102		22-67-3260	*-26-001501		22-12-3260	*-26-007208		22-67-3261	*-26-007228	
22-67-2270	*-27-001102		22-67-3270	*-27-001501		22-12-3270	*-27-007208		22-67-3271	*-27-007228	
22-67-2280	*-28-001102		22-67-3280	*-28-001501		22-12-3280	*-28-007208		22-67-3281	*-28-007228	
22-68-1042	-4-001102-51	2,3									

42153	COLUMN NO. 1		CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 2	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 3	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 4	CON'T. IN COLUMN NO.	SHEET NO.		
	SEE SHEET I		SEE SHEET I		SEE SHEET I	K	SEE SHEET I	SEE SHEET I		SEE SHEET I		SEE SHEET I			
	SEE SHEET I		SEE SHEET I		SEE SHEET I	J	SEE SHEET I	SEE SHEET I		SEE SHEET I		SEE SHEET I			
	SEE SHEET I		SEE SHEET I		SEE SHEET I	11	SEE SHEET I	SEE SHEET I		SEE SHEET I		SEE SHEET I			
	SEE SHEET I		SEE SHEET I		SEE SHEET I	G2	SEE SHEET I	SEE SHEET I		SEE SHEET I		SEE SHEET I			
	SEE SHEET I		SEE SHEET I		SEE SHEET I	G1	SEE SHEET I	SEE SHEET I		SEE SHEET I		SEE SHEET I			
	SEE SHEET I		SEE SHEET I		SEE SHEET I	A	SEE SHEET I	SEE SHEET I		SEE SHEET I		SEE SHEET I			
LTR.	REVISIONS			LTR.	REVISIONS			LTR.	REVISIONS			LTR.	REVISIONS		

DRWG. BY: SAMIEC **CHK'D. BY:** PATEL

APP'D. BY: LENZ **SCALE:** :

FILE NAME: S42153X3

TITLE: FLAT HEADER ASSEMBLY (4030 WITH DIFFERENT MATL) 42153 SERIES DWG

MOLEX INCORPORATED U.S.A. **SHEET NO.:** 3 **DATE:** 11/20/87

PART NO.: SEE CHART **DRWG. NO.:** SD A-42153

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