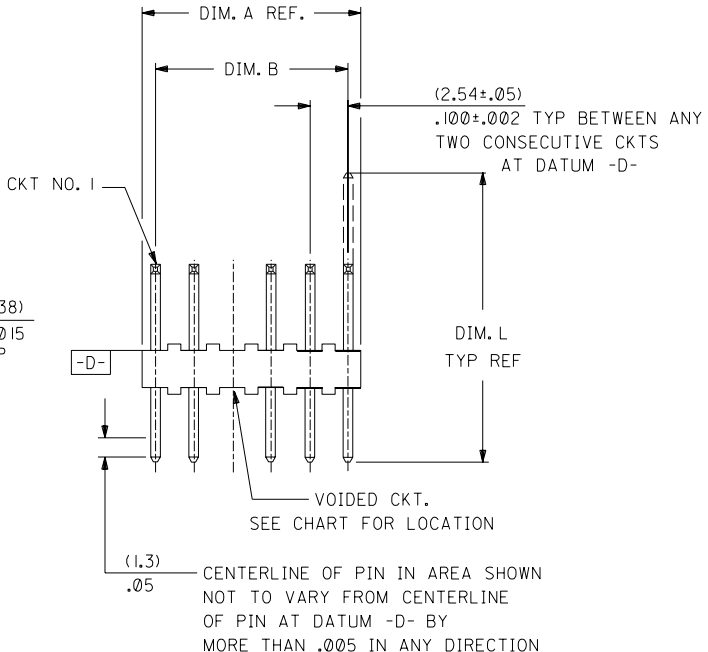
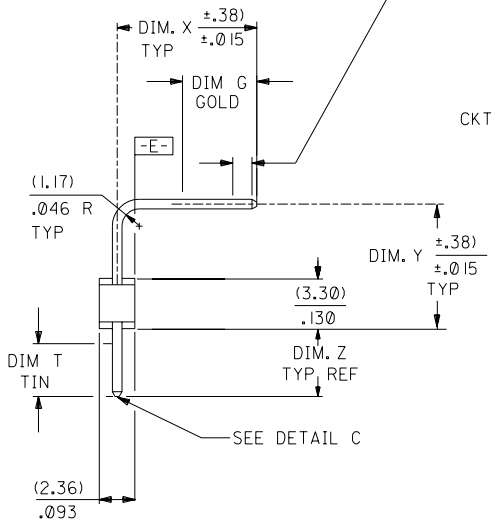


CENTERLINE OF PIN IN AREA SHOWN (1.3)
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -E- BY
MORE THAN .008 IN ANY DIRECTION



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

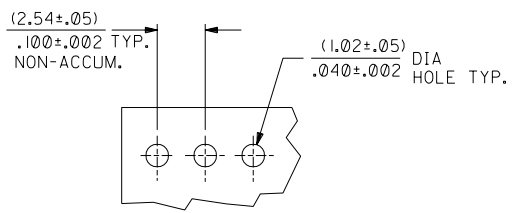
FINISH: PER ES-88

- (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

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM	
3 PLACE ± .010 INCH METRIC		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 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	

42153

	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	J	
I	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	
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	I	
I	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	I	
I	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	I	
H													/	H	
H													/	H	
H													/	H	
G													/	G	
G													/	G	
G													/	G	
F													/	F	
F													/	F	
F													/	F	
E													/	E	
E													/	E	
E													/	E	
D													/	D	
D													/	D	
D													/	D	
C													/	C	
C													/	C	
C													/	C	
B													/	B	
B													/	B	
B													/	B	
A													/	A	
A													/	A	
A													/	A	
								SEE SHEET I	SEE SHEET I	DIMENSIONS SHOWN (METRIC) INCH		▽ =		REVISIONS ONLY ON CAD SYSTEM	
								SEE SHEET I	SEE SHEET I	UNLESS OTHERWISE SPECIFIED		TITLE		FLAT HEADER ASSEMBLY	
								SEE SHEET I	SEE SHEET I	TOLERANCES: ANGULAR ± 1/2°		42153 SERIES DWG		(4094 WITH DIFFERENT MATERIAL)	
								SEE SHEET I	SEE SHEET I	INCH METRIC		MOLEX INCORPORATED		SHEET NO. 2	DATE 11/20/87
								SEE SHEET I	SEE SHEET I	3 PLACE ± ±		L15LEJLL. 60532 U.S.A.			
								SEE SHEET I	SEE SHEET I	2 PLACE ± ±		PART NO.		SD A-42153	
								SEE SHEET I	SEE SHEET I	1 PLACE ± ±		SEE CHART			
								SEE SHEET I	SEE SHEET I	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWG. NO.			
								SEE SHEET I	SEE SHEET I	DRWG. BY SAMJEC		FILE NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
								LTR.	REVISIONS	CHK'D. BY PATEL		S42153X2		DIV. KK	
								LTR.	REVISIONS	SCALE :				SIZE C	
	13	12	11	10	9	8	7	6	5	4	3	2	1		

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									

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	J	SEE SHEET I			
						SEE SHEET I	11	SEE SHEET I			
						SEE SHEET I	G2	SEE SHEET I			
						SEE SHEET I	G1	SEE SHEET I			
						SEE SHEET I	A	SEE SHEET I			
LTR.	REVISONS	LTR.	REVISONS	LTR.	REVISONS	LTR.	REVISONS	LTR.	REVISONS	LTR.	REVISONS

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR ± 1/2°

INCH		METRIC	
5 PLACE	±		
2 PLACE	±		±
1 PLACE			±

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

▽ = 0 ▼ = 0 REVISION ONLY ON CAD SYSTEM

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

FROM: LISLE,ILL. 60532 U.S.A.

MOLEX INCORPORATED SHEET NO. 3 DATE 11/20/87

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

FILE NAME DIV. SIZE
S42153X3 MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. KK C

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

APP'D. BY: LENZ SCALE: :