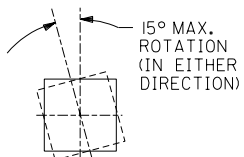
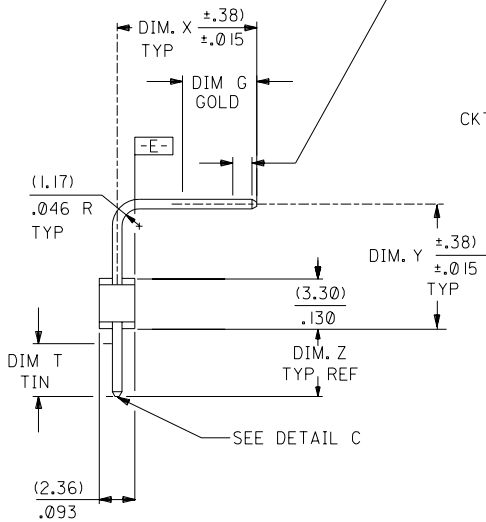


CENTERLINE OF PIN IN AREA SHOWN (1.3)
NOT TO VARY FROM CENTERLINE
OF PIN AT DATUM -E- BY
MORE THAN .008 IN ANY DIRECTION



DETAIL C TYP.

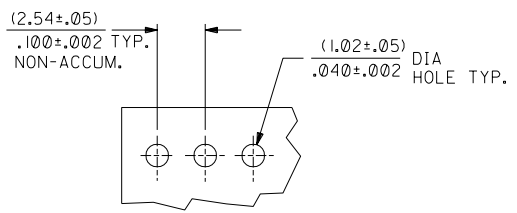
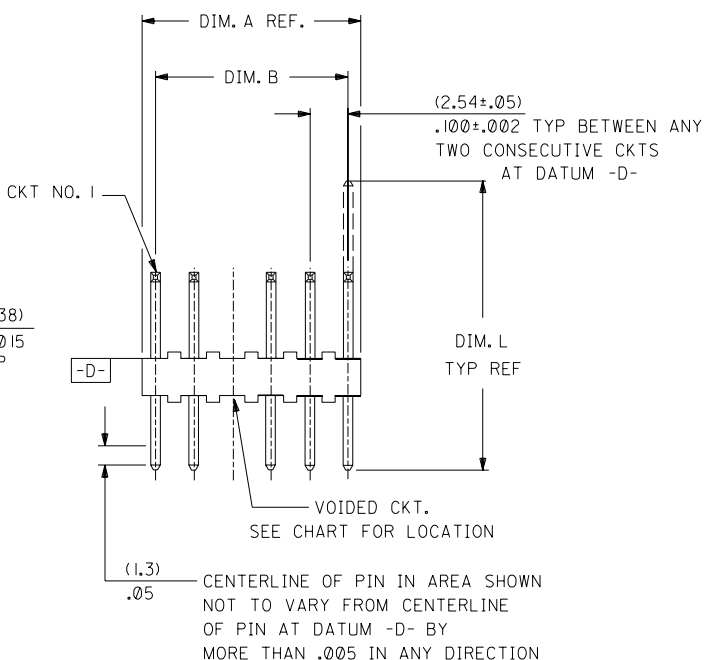
- NOTES:
- PRECEDING ENG. NO. IN CHART DESIGNATES STANDARD PRODUCT.
 - SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF (230° C) 446° F FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR OTHER INFORMATION SEE ES-152.
 - PIN PUSH 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.



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

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

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°		TITLE FLAT HEADER ASSY (4094 WITH DIFFERENT MATL) 42153 SERIES DWG	
3 PLACE ± .010	INCH	2 PLACE ± .015	METRIC
1 PLACE ± .038			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED 1151E, JLL, 60532 U.S.A.	
DRWG. BY: SAMIEC	CHKD. BY: PATEL	FILE NAME: S42153X1	DATE: 11/20/87
APPR. BY: LENZ	SCALE: 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	
LTR.	REVISIONS	LTR.	REVISIONS

	13			12			11			10			9			8			7			6			42153			4			3			2			1			
J	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									
I	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									
H	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									
G	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									
F	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									
E	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									
D	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									
C	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																																	
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