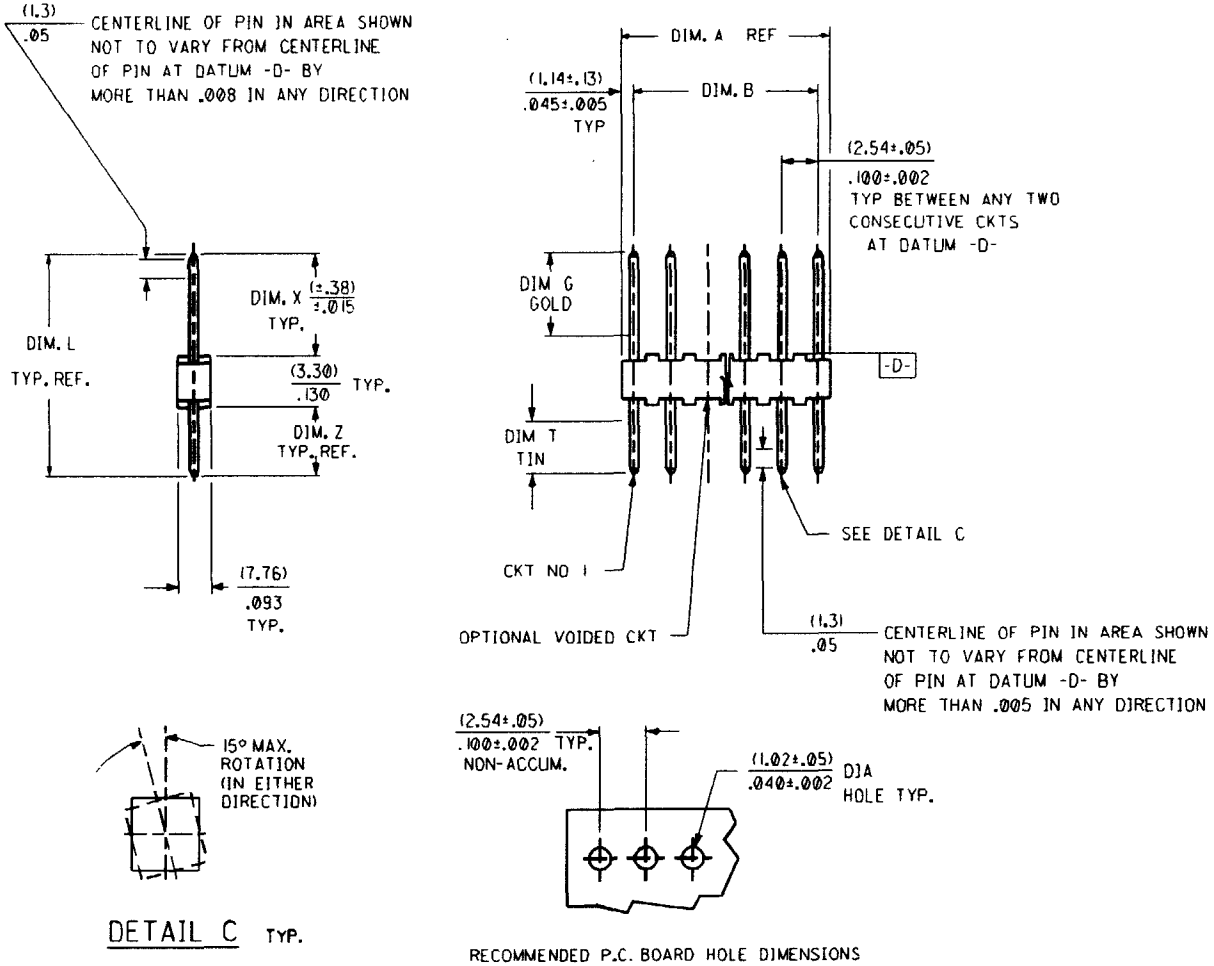

A-42152-**-*******-**

- NO OF CKTS
- OPTION CODE SEE CHART
- PLATING CODE
- VOID LOCATION SEE CHART

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

NOTES:
1. • PRECEDING ENG. NO. IN CHART DESIGNATES STANDARD PRODUCT.
2. 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.
3. 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.
4. FOR ADDITIONAL INFORMATION AND TESTING PROCEDURES SEE PS-10-07.
5. PARTS ARE STACKABLE END TO END ON .100 CENTERS.
6. BOW: .007 IN/IN
7. THIS PART IN NYLON IS A-4030.

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

PLATINGS: FOR ADDITIONAL INFORMATION SEE SDES-88.
(102) ELECTRO TIN .000450/.000200 OVER .000200/.000100 COPPER.
(501) GOLD .000030/.000020 OVER .000080/.000030 NICKEL
(503) GOLD .000040/.000030 OVER .000100/.000050 NICKEL
(567) SELECT GOLD .000015 MIN. SELECT TIN-LEAD .000100 MIN OVER .000050 MIN NICKEL
(569) SELECT GOLD .000030 MIN. SELECT TIN-LEAD .000100 MIN OVER .000050 MIN NICKEL

LTR.	REVISIONS	LTR.	REVISIONS
		S	REV TUBES UCR2000-0806 8-18-00 SAMJEC
		R1	ADD/REL N-031102 EC U80627 97-9-15 SAMJEC

MFG.	SH.	REV.
5		R1
4		S
3		P6
2		0
1		S

DIMENSIONS SHOWN (METRIC/INCH)
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGLES ± 1°
2 PLACE ± .010 ± 0.25
3 PLACE ± .015 ± 0.38
1 PLACE ± 0.38
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
DRWG BY SAMJEC CHK'D BY PATEL
APP'D BY LENZ SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: FLAT HEADER ASSY (4030 WITH DIFFERENT MATL) 42152 SERIES DWG

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. SHEET NO. 1 OF 5 DATE 11/20/87

PART NO. SEE CHART DRWG. NO. SDA-42152

FILE NAME 542152V1

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

DIV. KK SIZE C

MOLEX 1930

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ENG. NO.	HEADER NO	PIN NO	DIM L	DIM X	DIM G GOLD	DIM Z	DIM T TIN	PACKAGING	EDP ON SHT/COL
A-42152-N-003102-*	42151-N	2766-27(102)	(11.99) .472	(5.84) .230		(2.84) .112		BULK	5 / 1
A-42152-N-017102-*	42151-N	2766-5(102)	(11.10) .437	(5.00) .197		(2.79) .110		BULK	5 / 2
A-42152-N-030102-*	42151-N	2766-27(102)	(11.99) .472	(5.84) .230		(2.84) .112		TUBE PER: PK-44743-002	5 / 4
A-42152-N-031102-*	42151-N	2766-5(102)	(11.10) .437	(4.37) .172		(3.44) .135		BULK	5 / 3
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	SEE SHEET 1		SEE SHEET 1
	SEE SHEET 1	S	SEE SHEET 1
	SEE SHEET 1	R1	SEE SHEET 1
	SEE SHEET 1	R	SEE SHEET 1
	SEE SHEET 1	P3	SEE SHEET 1
	SEE SHEET 1	P	SEE SHEET 1
	SEE SHEET 1	0	SEE SHEET 1
LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN METRIC[INCH]
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGLES ± 1/2°

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG BY SAMJEC | CHK'D BY PATEL | APPR'D BY LENZ | SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE
FLAT HEADER ASSEMBLY
(4030 WITH DIFFERENT MATL)
42152 SERIES DWG

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.

SHEET NO. 4 | DATE 11/20/87

PART NO. SEE CHART | DRWG NO. SDA-42152

FILE NAME 542524 | REV. KK | SIZE C

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A-42152-N-003102-*			A-42152-N-017102-*			A-42152-N-031102			A-42152-N-030102		
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.
	-2-003102			-2-017102			-02-031102			-02-030102	
22-65-2030	-3-003102			-3-017102			-03-031102		22-66-4032	-03-030102	
	-4-003102			-4-017102			-04-031102			-04-030102	
	-5-003102			-5-017102			-05-031102			-05-030102	
	-6-003102			-6-017102			-06-031102			-06-030102	
	-7-003102			-7-017102			-07-031102			-07-030102	
	-8-003102			-8-017102			-08-031102			-08-030102	
	-9-003102			-9-017102			-09-031102			-09-030102	
	-10-003102			-10-017102			-10-031102			-10-030102	
	-11-003102		22-66-2113	-11-017102			-11-031102			-11-030102	
22-65-2120	-12-003102			-12-017102			-12-031102			-12-030102	
	-13-003102			-13-017102			-13-031102			-13-030102	
	-14-003102			-14-017102			-14-031102			-14-030102	
22-65-2150	-15-003102			-15-017102			-15-031102			-15-030102	
	-16-003102			-16-017102		022-66-4063	-16-031102			-16-030102	
	-17-003102			-17-017102			-17-031102			-17-030102	
	-18-003102			-18-017102			-18-031102			-18-030102	
	-19-003102			-19-017102			-19-031102			-19-030102	
	-20-003102			-20-017102			-20-031102			-20-030102	
	-21-003102			-21-017102			-21-031102			-21-030102	
	-22-003102			-22-017102			-22-031102			-22-030102	
	-23-003102			-23-017102			-23-031102			-23-030102	
	-24-003102			-24-017102			-24-031102			-24-030102	
	-25-003102			-25-017102			-25-031102			-25-030102	
	-26-003102			-26-017102			-26-031102			-26-030102	
	-27-003102			-27-017102			-27-031102			-27-030102	
	-28-003102			-28-017102			-28-031102			-28-030102	

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 1		SEE SHEET 1
	SEE SHEET 1	R1	SEE SHEET 1
	SEE SHEET 1	R	SEE SHEET 1
	SEE SHEET 1	P4	SEE SHEET 1
	SEE SHEET 1	P3	SEE SHEET 1
	SEE SHEET 1	P	SEE SHEET 1
	SEE SHEET 1	0	SEE SHEET 1
LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN METRIC[INCH]
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWN BY SAMEEC
CHK'D BY PATEL
APP'D BY LENZ
SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: FLAT HEADER ASSY (4030 WITH DIFFERENT MATL) 42152 SERIES DWG

MOLEX INCORPORATED LISLE, ILL. U.S.A.

SHEET NO. 5 DATE 2/1/93

PART NO. SEE CHART DWG. NO. SD A-42152

FILE NAME 42152X5

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