

2 11 10 9 8 7 6 42377 4 3 2 1

NOTES:

1. MATERIAL: 30% GLASS FILLED NYLON COLOR: BLACK
2. PIN PUSHOUT 3 LBS. MIN.
3. SOLDERABILITY PER ES-152.
4. PLATING: (159) PREPLATED BRIGHT TIN/LEAD (90/10) .000150 MIN
(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.
5. INDIVIDUAL CIRCUIT SIZES ARE
CUT FROM 36 CIRCUIT PARTS.
6. PRODUCT SPECIFICATION: PS-10-07

(1.3)
.05

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM
CENTERLINE OF PIN AT DATUM -D- BY MORE THAN
(FOR DIM X OF .500 OR LESS) .008 IN ANY DIRECTION.
(FOR DIM X ABOVE .501) .012 IN ANY DIRECTION

DIM. L
REF

DIM. X
TYP.

(2.29)
.090

DIM. Y
TYP.

DIM. W
REF

DIM. Z
TYP REF

(1.3)
.05

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

(2.54±0.05)
.100±.002
TYP. NON-ACCUM.

(1.02±0.05)
.040±.002

DIA. HOLE TYP.

TYP. HOLE PATTERN
FOR .062 THK PCB

DIM B REF

DIM A REF

(2.54)
.100
TYP.
AT DATUM -D-

(2.49)
.098

DIM T
TIN

CKT. NO. 1

DIM. G
GOLD

-D-

-E-

OPTIONAL
VOID CKT.

T8		ADD 1067/1000 UCP2003-2520 06/03/2003 ELHAG	
T7		ADD 1032/1066 UCP2003-2151 04/14/2003 ELHAG	
6	A2	T6	ADD 0963/1031 UCP2003-1747 02/13/2003 ELHAG
5	T6	T5	ADD 0928/0968 UCP2003-1346 12/6/2002 SAMIEC
4	R	T4	REV 0899 UCP2003-0590 10/7/2002 SAMIEC
3	T2		
2	R		
1	T8		

MFG.	SH.	REV.	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH	
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLACE	± .010
2 PLACE	± .014 ± 0.25
1 PLACE	± 0.36

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

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

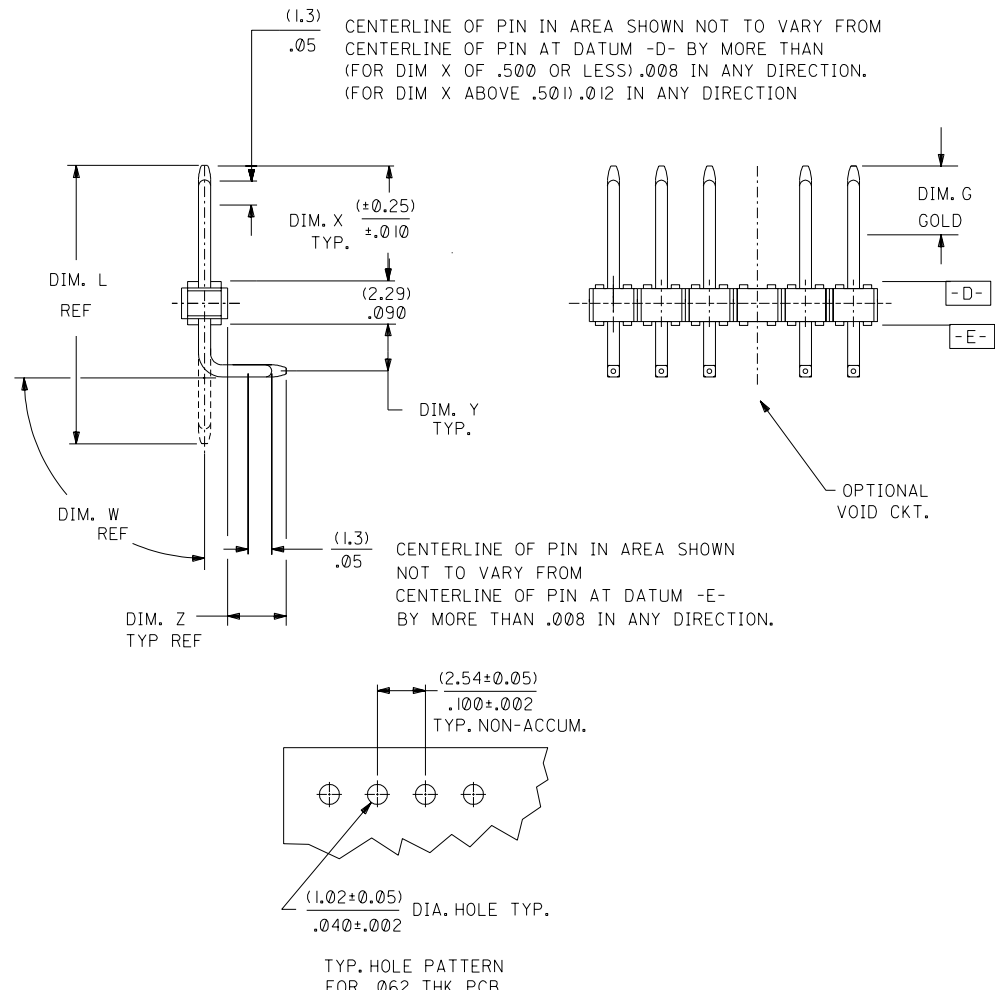
FILE NAME: SEE CHART

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO: DIV. SIZE

TITLE: WAFER ASSY., SINGLE ROW
.100 Q BREAKAWAY
42377 SERIES DWG

PART NO. MOLEX INCORPORATED SHEET NO. DATE
LISLE, ILL. 60532 U.S.A. 1 OF 6 09/15/88

DRWG. NO. SDA-42377



- | DIMENSIONS SHOWN (METRIC) INCH | | ▽ = 0 ▽ = 0 | | REVISE ONLY ON CAD SYSTEM | | | | | | | | | |
|---|--------|--|--------|----------------------------------|--|----------------|--------|----------------|--|---|--|--|--|
| UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR: 1/2° | | TITLE | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>INCH</th> <th>METRIC</th> </tr> </thead> <tbody> <tr> <td>1 PLACE ± .010</td> <td></td> </tr> <tr> <td>2 PLACE ± .014</td> <td>± 0.25</td> </tr> <tr> <td>1 PLACE ± .036</td> <td></td> </tr> </tbody> </table> | | INCH | METRIC | 1 PLACE ± .010 | | 2 PLACE ± .014 | ± 0.25 | 1 PLACE ± .036 | | <p>WAFER ASSY., SINGLE ROW
100 Ω BREAKAWAY
42377 SERIES DWG</p> | | | |
| INCH | METRIC | | | | | | | | | | | | |
| 1 PLACE ± .010 | | | | | | | | | | | | | |
| 2 PLACE ± .014 | ± 0.25 | | | | | | | | | | | | |
| 1 PLACE ± .036 | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS | |  MOLEX INCORPORATED
LITTLE ROCK, AR 68932 U.S.A. | | SHEET NO. 1 OF 6 DATE 09/15/88 | | | | | | | | | |
| PART NO. | | DRAW. NO. | | | | | | | | | | | |
| SEE CHART | | SDA-42377 | | | | | | | | | | | |
| FILE NAME | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO | | DIV. SIZE | | | | | | | | | |
| DRWG. BY: JJS | | CHKD. BY: PATEL | | | | | | | | | | | |

I3		I2		I1		I0		9		8		7		6		42377		4		3		2		I											
ENG. NO.		HEADER NO.		PIN NO.		DIM. L		DIM. X		DIM. Y		DIM. Z		DIM. W				NO OF CKTS		KINKED PINS		VOID CKTS		PACKAGING		EDPS NO IN COL									
J	A-42377-0422/0456	42312-0036		42663-BCA I22		.565 (14.35)	.244 (6.20)	.070 (1.78)	.135 (3.43)	90°		N/A ()	OVERALL ()	2-36		SMES-42003		NONE		40873-0041		1		J											
	A-42377-0457/0491	42312-0036		42663-CFA I59		.685 (17.40)	.304 (7.72)	.070 (1.78)	.195 (4.95)	90°		N/A ()	OVERALL ()	2-36		SMES-42003		NONE		40873-0041		2													
I	A-42377-0492/0526	42312-0036		42663-ABA I59		.455 (11.56)	.149 (3.78)	.070 (1.78)	.120 (3.05)	90°		N/A ()	OVERALL ()	2-36		NO		NONE		40873-0041		3													
	A-42377-0527/0532	42312-0036		42663-BCA I59		.565 (14.35)	.244 (6.20)	.070 (1.78)	.135 (3.43)	90°		N/A ()	OVERALL ()	6-11		SMES-43499-0001		NONE		40873-0041		4		I											
	A-42377-0658/0692	42312-0036		42663-FYA I59		.1070 (27.18)	.748 (19.00)	.070 (1.78)	.135 (3.43)	90°		N/A ()	OVERALL ()	2-36		SMES-42003		NONE		40873-0041		5													
	A-42377-0693/0726	42312-0036		42663-BCA I59		.565 (14.35)	.244 (6.20)	.070 (1.78)	.135 (3.43)	90°		N/A ()	OVERALL ()	3-36		SMES-42003		2		40873-0041		6													
H																																			
COLUMN NO. 1						COLUMN NO. 2						COLUMN NO. 3						COLUMN NO. 4						COLUMN NO. 5						COLUMN NO. 6					
EDP NO.		ENG. NO.		NO OF CKTS		EDP NO.		ENG. NO.		NO OF CKTS		EDP NO.		ENG. NO.		NO OF CKTS		EDP NO.		ENG. NO.		NO OF CKTS		EDP NO.		ENG. NO.		NO OF CKTS							
22-28-9026		A-42377-0422		2		22-28-9027		A-42377-0457		2		22-28-9028		A-42377-0492		2		423-77-0658		A-42377-0658		2		-		-		2							
22-28-9036		A-42377-0423		3		22-28-9037		A-42377-0458		3		22-28-9038		A-42377-0493		3		423-77-0659		A-42377-0659		3		423-77-0693		A-42377-0693		3							
G	22-28-9046	A-42377-0424		4		22-28-9047		A-42377-0459		4		22-28-9048		A-42377-0494		4		423-77-0660		A-42377-0660		4		423-77-0694		A-42377-0694		4							
	22-28-9056	A-42377-0425		5		22-28-9057		A-42377-0460		5		22-28-9058		A-42377-0495		5		423-77-0661		A-42377-0661		5		423-77-0695		A-42377-0695		5							
22-28-9066		A-42377-0426		6		22-28-9067		A-42377-0461		6		22-28-9068		A-42377-0496		6		423-77-0662		A-42377-0662		6		423-77-0696		A-42377-0696		6							
22-28-9076		A-42377-0427		7		22-28-9077		A-42377-0462		7		22-28-9078		A-42377-0497		7		423-77-0663		A-42377-0663		7		423-77-0697		A-42377-0697		7							
22-28-9086		A-42377-0428		8		22-28-9087		A-42377-0463		8		22-28-9088		A-42377-0498		8		423-77-0664		A-42377-0664		8		423-77-0698		A-42377-0698		8							
22-28-9096		A-42377-0429		9		22-28-9097		A-42377-0464		9		22-28-9098		A-42377-0499		9		423-77-0665		A-42377-0665		9		423-77-0699		A-42377-0699		9							
F	22-28-9106	A-42377-0430		10		22-28-9107		A-42377-0465		10		22-28-9108		A-42377-0500		10		423-77-0666		A-42377-0666		10		423-77-0700		A-42377-0700		10							
	22-28-9116	A-42377-0431		11		22-28-9117		A-42377-0466		11		22-28-9118		A-42377-0501		11		423-77-0667		A-42377-0667		11		423-77-0701		A-42377-0701		11							
22-28-9126		A-42377-0432		12		22-28-9127		A-42377-0467		12		22-28-9128		A-42377-0502		12		423-77-0668		A-42377-0668		12		423-77-0702		A-42377-0702		12							
22-28-9136		A-42377-0433		13		22-28-9137		A-42377-0468		13		22-28-9138		A-42377-0503		13		423-77-0669		A-42377-0669		13		423-77-0703		A-42377-0703		13							
22-28-9146		A-42377-0434		14		22-28-9147		A-42377-0469		14		22-28-9148		A-42377-0504		14		423-77-0670		A-42377-0670		14		423-77-0704		A-42377-0704		14							
22-28-9156		A-42377-0435		15		22-28-9157		A-42377-0470		15		22-28-9158		A-42377-0505		15		423-77-0671		A-42377-0671		15		423-77-0705		A-42377-0705		15							
E	22-28-9166	A-42377-0436		16		22-28-9167		A-42377-0471		16		22-28-9168		A-42377-0506		16		423-77-0672		A-42377-0672		16		423-77-0706		A-42377-0706		16							
	22-28-9176	A-42377-0437		17		22-28-9177		A-42377-0472		17		22-28-9178		A-42377-0507		17		423-77-0673		A-42377-0673		17		423-77-0707		A-42377-0707		17							
22-28-9186		A-42377-0438		18		22-28-9187		A-42377-0473		18		22-28-9188		A-42377-0508		18		423-77-0674		A-42377-0674		18		423-77-0708		A-42377-0708		18							
22-28-9196		A-42377-0439		19		22-28-9197		A-42377-0474		19		22-28-9198		A-42377-0509		19		423-77-0675		A-42377-0675		19		423-77-0709		A-42377-0709		19							
22-28-9206		A-42377-0440		20		22-28-9207		A-42377-0475		20		22-28-9208		A-42377-0510		20		423-77-0676		A-42377-0676		20		423-77-0710		A-42377-0710		20							
22-28-9216		A-42377-0441		21		22-28-9217		A-42377-0476		21		22-28-9218		A-42377-0511		21		423-77-0677		A-42377-0677		21		423-77-0711		A-42377-0711		21							
22-28-9226		A-42377-0442		22		22-28-9227		A-42377-0477		22		22-28-9228		A-42377-0512		22		423-77-0678		A-42377-0678		22		423-77-0712		A-42377-0712		22							
D	22-28-9236	A-42377-0443		23		22-28-9237		A-42377-0478		23		22-28-9238		A-42377-0513		23		423-77-0679		A-42377-0679		23		423-77-0713		A-42377-0713		23							
	22-28-9246	A-42377-0444		24		22-28-9247		A-42377-0479		24		22-28-9248		A-42377-0514		24		423-77-0680		A-42377-0680		24		423-77-0714		A-42377-0714		24							
22-28-9256		A-42377-0445		25		22-28-9257		A-42377-0480		25		22-28-9258		A-42377-0515		25		423-77-0681		A-42377-0681		25		423-77-0715		A-42377-0715		25							
22-28-9266		A-42377-0446		26		22-28-9267		A-42377-0481		26		22-28-9268		A-42377-0516		26		423-77-0682		A-42377-0682		26		423-77-0716		A-42377-0716		26							
22-28-9276		A-42377-0447		27		22-28-9277		A-42377-0482		27		22-28-9278		A-42377-0517		27		423-77-0683		A-42377-0683		27		423-77-0717		A-42377-0717		27							
22-28-9286		A-42377-0448		28		22-28-9287		A-42377-0483		28		22-28-9288		A-42377-0518		28		423-77-0684		A-42377-0684		28		423-77-0718		A-42377-0718		28							
C	22-28-9296	A-42377-0449		29		22-28-9297		A-42377-0484		29		22-28-9298		A-42377-0519		29		423-77-0685		A-42377-0685		29		423-77-0719		A-42377-0719		29							
	22-28-9306	A-42377-0450		30		22-28-9307		A-42377-0485		30		22-28-9308		A-42377-0520		30		423-77-0686		A-42377-0686		30		423-77-0720		A-42377-0720		30							
22-28-9316		A-42377-0451		31		22-28-9317		A-42377-0486		31		22-28-9318		A-42377-0521		31		423-77-0687		A-42377-0687		31		423-77-0721		A-42377-0721		31							
22-28-9326		A-42377-0452		32		22-28-9327		A-42377-0487		32		22-28-9328		A-42377-0522		32		423-77-0688		A-42377-0688		32		423-77-0722		A-42377-0722		32							
22-28-9336		A-42377-0453		33		22-28-9337		A-42377-0488		33		22-28-9338		A-42377-0523		33		423-77-0689		A-42377-0689		33		423-77-0723		A-42377-0723		33							
22-28-9346		A-42377-0454		34		22-28-9347		A-42377-0489		34		22-28-9348		A-42377-0524		34		423-77-0690		A-42377-0690		34		423-77-0724		A-42377-0724		34							
B	22-28-9356	A-42377-0455		35		22-28-9357		A-42377-0490		35		22-28-9358		A-42377-0525		35		423-77-0691		A-42377-0691		35		423-77-0725		A-42377-0725		35							
	22-28-9366	A-42377-0456		36		22-28-9367		A-42377-0491		36		22-28-9368		A-42377-0526		36		423-77-0692		A-42377-0692		36		423-77-0726		A-42377-0726		36							
A																																			
R		SEE SHEET I		K4		SEE SHEET I												DIMENSIONS SHOWN (METRIC) INCH		▽ = 0		▽ = 0		REVISE ONLY ON CAD SYSTEM											
Q1		SEE SHEET I		K3		SEE SHEET I												UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE															
P		SEE SHEET I		K2		SEE SHEET I												INCH METRIC																	
Q1		SEE SHEET I		K1		SEE SHEET I												5 PLACE ± .005																	
M		SEE SHEET I		I		SEE SHEET I												2 PLACE ± .01																	
L1		SEE SHEET I		H		SEE SHEET I																													