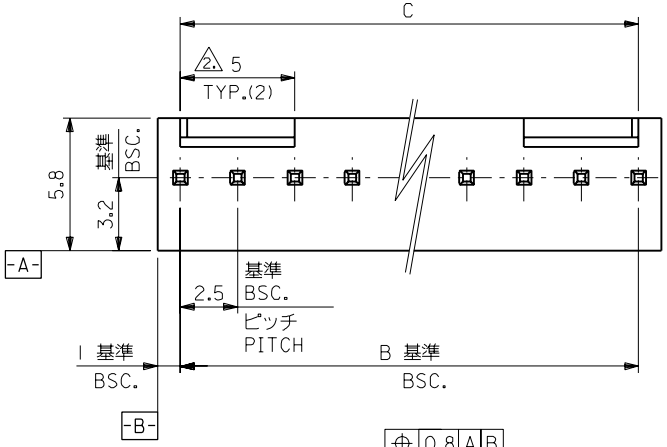
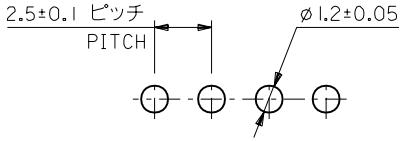
DWG. NO. SD-5045-NA



公差非累積
NON-ACCUMULATIVE



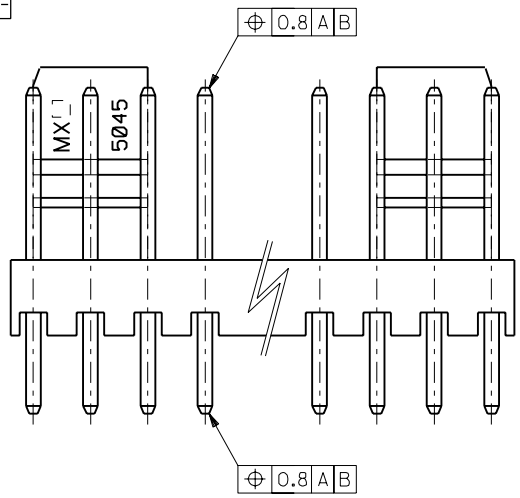
基板取付穴推奨寸法
RECOMMENDED P.C.BOARD HOLE DIM.

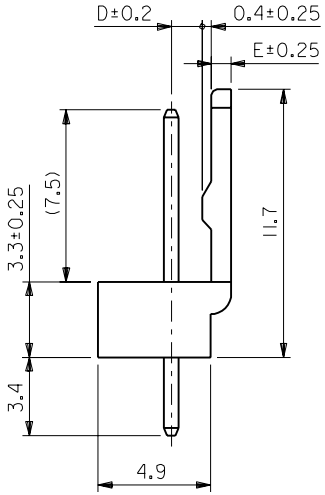
注)
NOTE.

1. 材料
MATERIAL
ピン　:□0.635×14.2 黄銅、銅下地錫メッキ
PIN: 0.635×14.2 BRASS TIN OVER COPPER PLATING.
ウェハー:ナイロン66, UL94V-0
WAFER:NYLON66,UL94V-0

2. 6極以上に適用
TO BE APPLIED FOR 6 CKT. AND MORE THEN 6 CKT.

3. 5極以下はロック部スリットなし
NO SLIT IS PROVIDED FOR 5 CKT. AND LESS THAN 5 CKT.





1.35	0.85	47.5 $^{+0.3}_{-0.45}$	47.5	22-04-1201	5045-20A	20
		45 $^{+0.3}_{-0.45}$	45	-1191	-19A	19
		42.5 $^{+0.3}_{-0.45}$	42.5	-1181	-18A	18
		40 $^{+0.3}_{-0.45}$	40	-1171	-17A	17
		37.5 $^{+0.3}_{-0.45}$	37.5	-1161	-16A	16
		35 $^{+0.3}_{-0.45}$	35	-1151	-15A	15
		32.5 $^{+0.25}_{-0.45}$	32.5	-1141	-14A	14
		30 $^{+0.25}_{-0.4}$	30	-1131	-13A	13
		27.5 $^{+0.25}_{-0.4}$	27.5	-1121	-12A	12
		25 $^{+0.2}_{-0.4}$	25	-1111	-11A	11
		22.5 $^{+0.2}_{-0.4}$	22.5	-1101	-10A	10
		20 $^{+0.15}_{-0.35}$	20	-1091	-09A	9
		17.5 $^{+0.15}_{-0.35}$	17.5	-1081	-08A	8
		15 $^{+0.1}_{-0.3}$	15	-1071	-07A	7
		12.5 $^{+0.1}_{-0.3}$	12.5	-1061	-06A	6
		10 $^{+0.15}_{-0.3}$	10	-1051	-05A	5
1.35	0.85	7.5 $^{+0.15}_{-0.3}$	7.5	-1041	-04A	4
1.2	1	5 $^{+0.15}_{-0.3}$	5	-1031	-03A	3
1.2	1	2.5 $^{+0.15}_{-0.3}$	2.5	22-04-1021	5045-02A	2
D	E	C	B	EDP.NO.	ENG.NO.	極数 CKT.

DO NOT SCALE DRAWING

ES4NO. DRWN: CH'K: APPR:	ES3NO. DRWN: CH'K: APPR:	ES2NO. DRWN: CH'K: APPR:	ES1NO. DRWN: CH'K: APPR:	ES0NO. JC2000-0629 DRWN: K.KOHAMA '00/ 3/28 CH'K: T.YAMAGUCHI '00/ 3/30 APPR: M.FUKUSHIMA '00/ 3/30	REDRAWN

REV | DESCRIPTION

MATERIAL 材料: 注記参照 SEE NOTES

FINISH 仕上げ: —//—

WIRE RANGE 適用電線範囲: —//—

INS. RANGE 被覆外径: —//—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.4 ~~±0.2~~	
10 OVER 以上 30 UNDER 未満	±0.4 ~~±0.25~~	
30 OVER 以上	±0.4 ~~±0.3~~	
ANGLE 角度	±3°	

SCALE 5:1

DESIGN UNITS ☒mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY

SHT | REV

REVISE ON CAD ONLY

DRAWN BY & DATE K.KOHAMA '00/ 3/28

CHECKED BY & DATE T.YAMAGUCHI '00/ 3/30

APPROVED BY & DATE M.FUKUSHIMA '00/ 3/30

CAD FILENAME S5045.S01

TITLE: KK 2.5 WAFER ASS'Y WITH LOCK

MOLEX INCORPORATED

MATERIAL NO. 5045-**A

DRAWING NO. SD-5045-NA

SHEET NO. 1

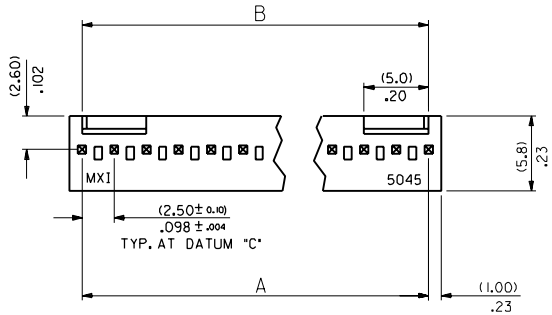
SIZE B

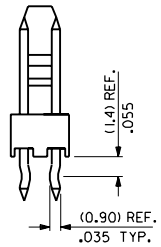
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

S5045.S01

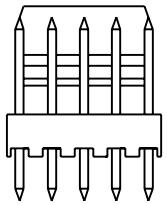
EN-02J(097) MXJ-54

CCT. NO.	DIMN. A	DIMN. B
20	(47.50 ±0.41) 1.870 ±.016	(47.50 +0.30 −0.41) 1.870 +.012 −.016
19	(45.00 ±0.41) 1.772 ±.016	(45.00 +0.30 −0.41) 1.772 +.012 −.016
18	(42.50 ±0.41) 1.673 ±.016	(42.50 +0.30 −0.41) 1.673 +.012 −.016
17	(40.00 ±0.41) 1.574 ±.016	(40.00 +0.30 −0.41) 1.574 +.012 −.016
16	(37.50 ±0.41) 1.476 ±.016	(37.50 +0.30 −0.41) 1.476 +.012 −.016
15	(35.00 ±0.30) 1.378 ±.012	(35.00 +0.25 −0.41) 1.378 +.010 −.016
14	(32.50 ±0.30) 1.280 ±.012	(32.50 +0.25 −0.41) 1.280 +.010 −.016
13	(30.00 ±0.30) 1.181 ±.012	(30.00 +0.25 −0.41) 1.181 +.010 −.016
12	(27.50 ±0.30) 1.083 ±.012	(27.50 +0.25 −0.41) 1.083 +.010 −.016
11	(25.00 ±0.25) .984 ±.010	(25.00 +0.20 −0.41) .984 +.008 −.016
10	(22.50 ±0.25) .886 ±.010	(22.50 +0.20 −0.41) .886 +.008 −.016
9	(20.00 ±0.20) .787 ±.008	(20.00 +0.15 −0.41) .787 +.006 −.016
8	(17.50 ±0.20) .689 ±.008	(17.50 +0.15 −0.30) .689 +.006 −.012
7	(15.00 ±0.15) .591 ±.006	(15.00 +0.15 −0.30) .591 +.006 −.012
6	(12.50 ±0.15) .492 ±.006	(12.50 +0.15 −0.30) .492 +.006 −.012
5	(10.00 ±0.15) .394 ±.006	(10.00 ±0.25) .394 ±.010
4	(7.50 ±0.15) .295 ±.006	(7.50 ±0.25) .295 ±.010
3	(5.00 ±0.10) .197 ±.004	(5.00 ±0.25) .197 ±.010
2	(2.50 ±0.10) .098 ±.004	(2.50 ±0.25) .098 ±.010

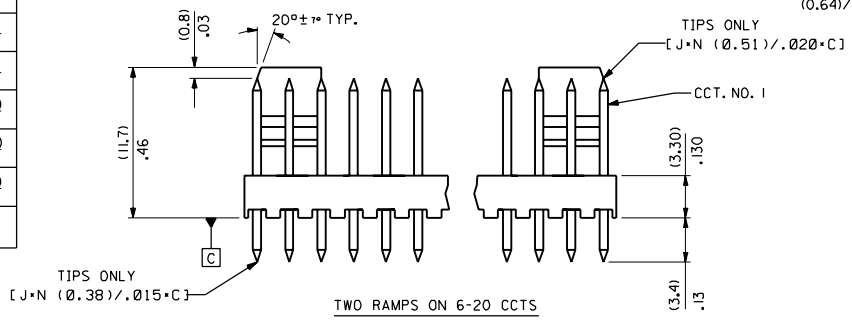




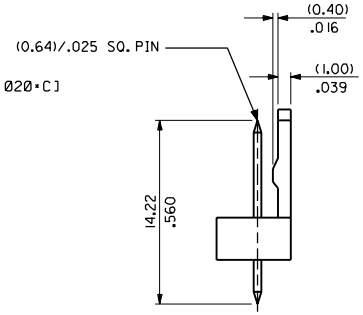
OPPOSING KINKS
(ON 2 CCTS PARTS ONLY)



SINGLE RAMP ON 2-5 CCTS.



TWO RAMPS ON 6-20 CCTS



5045-N • • •

BASE NUMBER

NO. OF CCTS.

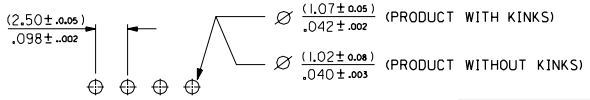
ASSEMBLY VERSION

KINKS: K-WITH KINKS
BLANK-WITHOUT KINKS

VOID POS'N
BLANK- NO VOIDS

NOTES:

1. MATERIALS:
   WAFER: NYLON, 94V-0.
   TERMINAL PIN: BRASS
   FINISH: SEE CHARTS ON SHEET 2 & SUBSEQUENT SHEETS
2. PINS MUST MEET MOLEX SOLDERABILITY SPEC. ES-152
3. PIN PUSH-OUT FORCE (0.907 KG)/2 lbs MIN.



RECOMMENDED PCB PATTERN

SH.	REV.
3	N
2	P
1	P

REVISE ONLY ON CAD SYSTEM

FOR PREVIOUS DRAWING ISSUES SEE MR1.

LTR	REVISIONS
P	PART No. CORRECTION ECN E30147 93.04.01 W.G.F

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

	INCH	(METRIC)
3 PLACE	± .010	
2 PLACE	± .016	± 0.25
1 PLACE		± 0.40

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) ☐ (MM) ☐ IN.
EQUIVALENT DIMENSION (SECONDARY) ☐ (MM) ☐ IN.

DRWG BY CD
CHK'D BY
APP'D BY
SCALE 4:1

CADCAM FILENAME SA5045X1 DGN

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TITLE
WAFER, FRICTION LOCK
KK, (2.50)/ .098 CENTRES
FOR (0.64)/.025 SQ. PINS

MOLEX EUROPE

SHEET NO. 1OF3
DATE 91/12/5

PART NO. SEE CHART
DWG NO. SDA-5045-N•••
SIZE C

7133-1283

PART NO. SEE CHART
DWG. NO. SDA-5045-N•••

WITHOUT VOIDS

PLATING: ELECTRO TIN 5 micron MIN.
OVER 2.5 microns COPPER MIN.

ENG. NO.	PART NO.	NO. OF CCTS.
A-5045- 2A	22-04-1021	2
A-5045- 3A	22-04-1031	3
A-5045- 4A	22-04-1041	4
A-5045- 5A	22-04-1051	5
A-5045- 6A	22-04-1061	6
A-5045- 7A	22-04-1071	7
A-5045- 8A	22-04-1081	8
A-5045- 9A	22-04-1091	9
A-5045-10A	22-04-1101	10
A-5045-12A	22-04-1121	12
A-5045-17A	22-04-1171	17

WITH VOIDS

PLATING: ELECTRO TIN 5 micron MIN.
OVER 2.5 microns COPPER MIN.

ENG. NO.	PART NO.	NO. OF CCTS.	VOID POS'N
A-5045- 3A-2	22-04-1038	3	2
A-5045- 4A-51	38-00-1391	4	2,3
A-5045- 5A-3	38-00-0668	5	3
A-5045- 5A-4	38-00-0669	5	4
A-5045- 5A-51	22-04-1057	5	2,4
A-5045- 6A-51	38-00-0218	6	2,3,5
A-5045- 7A-0204	22-04-1078	7	2,4
A-5045- 7A-0406	22-04-1079	7	4,6
A-5045- 7A-51	22-04-1077	7	2,4,6
A-5045- 9A-51	22-04-1097	9	2,4,6,8
A-5045-11A-51	22-04-1117	11	2,4,6,8,10
A-5045-13A-51	22-04-1137	13	2,4,6,8,10,12
A-5045-19A-51	22-04-1119	19	2,4,6,8,10,12 14,16,18

WITH KINKS-W/OUT VOIDS

PLATING: ELECTRO TIN 5 micron MIN.
OVER 2.5 microns COPPER MIN.

ENG. NO.	PART NO.	NO. OF CCTS.
A-5045- 2AK	38-00-7255	2

FOR PREVIOUS DRAWING ISSUES SEE MRI.

LTR	REVISIONS
P	SEE SHEET 1.

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± ½°

	INCH	(METRIC)
3 PLACE	± .	
2 PLACE	± .	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) ☐ (MM) ☐ IN.
EQUIVALENT DIMENSION (SECONDARY) ☐ (MM) ☐ IN.

DRWG BY: CD
CHK'D BY:
APP'D BY:
SCALE: ---

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM FILENAME SA5045X2 DGN

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TITLE
WAFER, FRICTION LOCK
KK, (2.50)/.098 CENTRES
FOR (0.64)/.025 SQ.PINS

molex MOLEX EUROPE | SHEET NO. 20F | DATE 91/12/5

PART NO. SEE CHART | DWG NO. SDA-5045-N••• | SIZE B

7132-1283