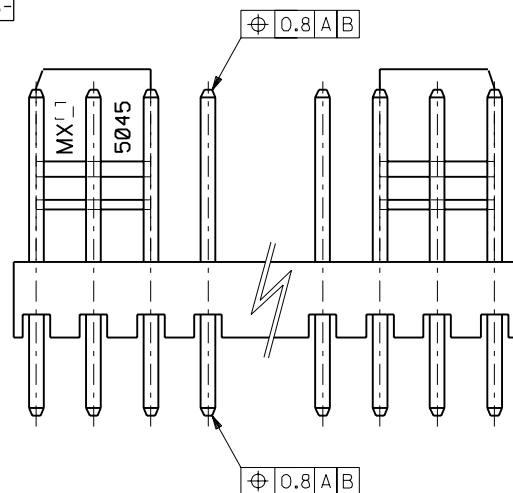
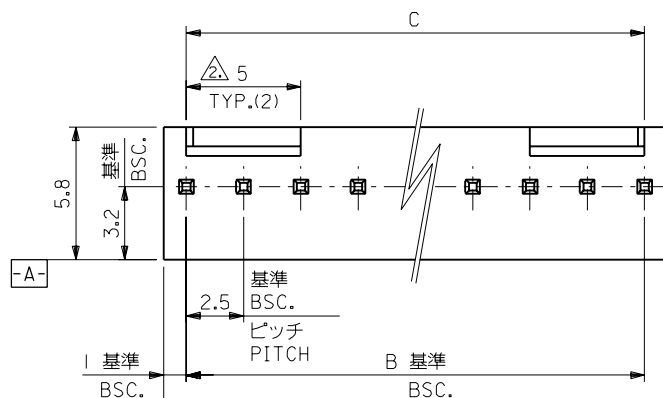




公差非累積  
NON-ACCUMULATIVE

$2.5 \pm 0.1$  ピッチ

PITCH

$\phi 1.2 \pm 0.05$

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

注)  
NOTE.

### 1. 材料

## MATERIAL

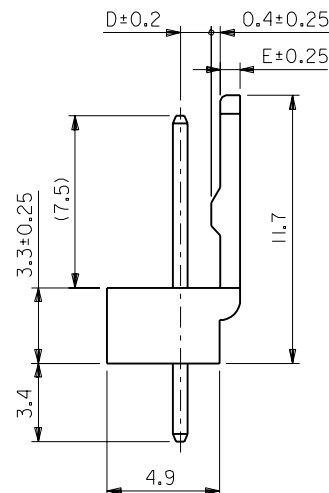
ピン : □ 0.635×14.2 黄銅、銅下地錫メッキ  
 PIN: 0.635×14.2 BRASS TIN OVER COPPER PLATING.  
 ウェハー : ナイロン66, UL 94V-0  
 WAFER: NYLON66, UL 94V-0

△ 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

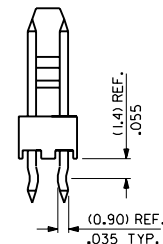
NO SLIT IS PROVIDED FOR 5 CKT. AND LESS THAN 5 CKT.



|      |      |                                       |      |            |          |         |
|------|------|---------------------------------------|------|------------|----------|---------|
| 1.35 | 0.85 | 47.5 <sup>+0.1</sup> <sub>-0.45</sub> | 47.5 | 22-04-1201 | 5045-20A | 20      |
| ▲    | ▲    | 45 <sup>+0.1</sup> <sub>-0.35</sub>   | 45   | ▲ -119I    | ▲ -19A   | 19      |
|      |      | 42.5 <sup>+0.1</sup> <sub>-0.45</sub> | 42.5 | -118I      | -18A     | 18      |
|      |      | 40 <sup>+0.1</sup> <sub>-0.45</sub>   | 40   | -117I      | -17A     | 17      |
|      |      | 37.5 <sup>+0.1</sup> <sub>-0.45</sub> | 37.5 | -116I      | -16A     | 16      |
|      |      | 35 <sup>+0.1</sup> <sub>-0.45</sub>   | 35   | -115I      | -15A     | 15      |
|      |      | 32.5 <sup>+0.1</sup> <sub>-0.45</sub> | 32.5 | -114I      | -14A     | 14      |
|      |      | 30 <sup>+0.1</sup> <sub>-0.45</sub>   | 30   | -113I      | -13A     | 13      |
|      |      | 27.5 <sup>+0.1</sup> <sub>-0.45</sub> | 27.5 | -112I      | -12A     | 12      |
|      |      | 25 <sup>+0.1</sup> <sub>-0.45</sub>   | 25   | -111I      | -11A     | 11      |
|      |      | 22.5 <sup>+0.1</sup> <sub>-0.45</sub> | 22.5 | -110I      | -10A     | 10      |
|      |      | 20 <sup>+0.1</sup> <sub>-0.45</sub>   | 20   | -109I      | -09A     | 9       |
|      |      | 17.5 <sup>+0.1</sup> <sub>-0.35</sub> | 17.5 | -108I      | -08A     | 8       |
|      |      | 15 <sup>+0.1</sup> <sub>-0.35</sub>   | 15   | -107I      | -07A     | 7       |
|      |      | 12.5 <sup>+0.1</sup> <sub>-0.35</sub> | 12.5 | -106I      | -06A     | 6       |
| ▼    | ▼    | 10 <sup>+0.1</sup> <sub>-0.35</sub>   | 10   | -105I      | -05A     | 5       |
| 1.35 | 0.85 | 7.5 <sup>+0.1</sup> <sub>-0.35</sub>  | 7.5  | -104I      | -04A     | 4       |
| 1.2  | I    | 5 <sup>+0.1</sup> <sub>-0.35</sub>    | 5    | ▼ -103I    | ▼ -03A   | 3       |
| 1.2  | I    | 2.5 <sup>+0.1</sup> <sub>-0.35</sub>  | 2.5  | 22-04-1021 | 5045-02A | 2       |
| D    | E    | C                                     | B    | EDP.NO.    | ENG.NO.  | 極数 CKT. |

|                             |                             |                             |                             |                                                                                                                         |                                                                                                       |                                                                                                                         |                                                                                                                                                                                 |                                                                                                                                                                                                                   |                                                                                                                                                                  |                             |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| B04NO.<br>DRWN: CHfK: APPR: | B03NO.<br>DRWN: CHfK: APPR: | B02NO.<br>DRWN: CHfK: APPR: | B01NO.<br>DRWN: CHfK: APPR: | REDRAWN<br>B00NO. JC2000-0629<br>DRWN: K.KOHAMA '00/ 3/28<br>CHfK: T.YAMAGUCHI '00/ 3/30<br>APPR: M.FUKUSHIMA '00/ 3/30 | DESCRIPTION<br>MATERIAL 材料<br>注記参照<br>SEE NOTES<br>FINISH 仕上り<br>WIRE RANGE 適用電線範囲<br>INS. RANGE 被覆外径 | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)<br>一般公差<br>10 UNDER 未満<br>10 OVER 以上<br>30 UNDER 未満<br>30 OVER 以上<br>ANGLE 角度 | SCALE<br>5:1<br>DRAWN BY & DATE<br>K.KOHAMA '00/ 3/28<br>CHECKED BY & DATE<br>T.YAMAGUCHI '00/ 3/30<br>APPROVED BY & DATE<br>M.FUKUSHIMA '00/ 3/30<br>CAD FILENAME<br>S5045.S01 | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH<br>TITLE:<br>KK 2.5 WAFER ASS'Y<br>WITH LOCK<br>MOLEX INCORPORATED<br>MATERIAL NO.<br>5045-***A<br>DRAWING NO.<br>SD-5045-NA | 2800 ANGLE<br>PROJECTION<br>2805<br>DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | SHEET NO.<br>1<br>SIZE<br>B |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|

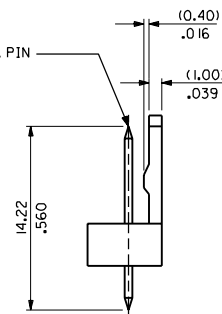
| CCT.<br>NO. | DIMN. A | DIMN. B |
|-------------|---------|---------|
|-------------|---------|---------|



Technical drawings of two types of contact pins:

- (0.64):** Shows a side view of a contact pin with dimensions: (11.7) for the total height, .46 for the base height, (0.8) for the tip height, and .03 for the tip width. The tip angle is specified as  $20^\circ \pm 1^\circ$  TYP. The base has a notch labeled 'C'.
- (0.63):** Shows a side view of a contact pin with dimensions: (3.30) for the total height, .130 for the base height, (3.4) for the tip height, and .13 for the tip width. The tip angle is specified as  $20^\circ \pm 1^\circ$  TYP. The base has a notch labeled 'C'.

Additional labels for (0.63) include: "TIPS ONLY [J+N (.051)/.020] C", "CCT. NO. 1", and "TWO RAMPS ON 6-20 CCTS".



5045-N . . .

BASE NUMBER ———

NO. OF CCTS. ———

VOID POS'N  
BLANK - NO VOIDS

KINKS: K-WITH KINKS  
BLANK-WITHOUT KINKS

ASSEMBLY  
VERSION

3. PIN PUSH-OUT FORCE (0.907 KG)/2 lbs MIN.



|                                   |                            |                                                                                             |             |             |                                                                |
|-----------------------------------|----------------------------|---------------------------------------------------------------------------------------------|-------------|-------------|----------------------------------------------------------------|
| PART NO. CORRECTION<br>ECH 130147 | 93-01-01, NGS<br>REVISIONS | DIMENSIONS SHOWN (METRIC) INCH                                                              |             |             | DRAWING BY<br><br>CD<br>CHK'D BY<br><br>APP'D BY<br><br>SCALE  |
|                                   |                            | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR $\pm .5^\circ$                            |             |             |                                                                |
|                                   |                            | INCH                                                                                        |             |             |                                                                |
|                                   |                            | 5 PLACE #                                                                                   | <u>0.00</u> | <u>0.25</u> |                                                                |
| P                                 | L I R                      | 2 PLACE #                                                                                   | <u>0.01</u> | <u>0.25</u> |                                                                |
|                                   |                            | 1 PLACE                                                                                     | #           | <u>0.40</u> |                                                                |
|                                   |                            | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                     |             |             |                                                                |
|                                   |                            | DESIGN DIMENSION <input type="checkbox"/> (MM)<br>(PREFERRED) <input type="checkbox"/> (IN) |             |             |                                                                |
|                                   |                            | EQUIVALENT DIMENSION<br>(RECOMMENDED)                                                       |             |             | <input type="checkbox"/> (MM)<br><input type="checkbox"/> (IN) |
|                                   |                            |                                                                                             |             |             | 4:                                                             |

|                                                                                                                                      |                                 |                                                                                                                     |      |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------|------|
| REVISE ONLY ON CAD SYSTEM                                                                                                            |                                 | SM                                                                                                                  | REV. |
| CADD FILE NAME<br>SAS045K1<br>DGN                                                                                                    |                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |      |
| TITLE<br><br><div> <div>WAFER, FRICTION LOCK</div> <div>KK, (2.50) / .098 CENTRES</div> <div>FOR (0.64) / .025 SQ. PINS</div> </div> |                                 |                                                                                                                     |      |
|  MOLEX EUROPE                                   |                                 | SHEET NO. DATE<br>10F3 9/12/5                                                                                       |      |
| PART NO.<br><br>SEE CHART                                                                                                            | DWG NO.<br><br>SDA-5045-N...••• | SIZE C                                                                                                              |      |

[illegible]