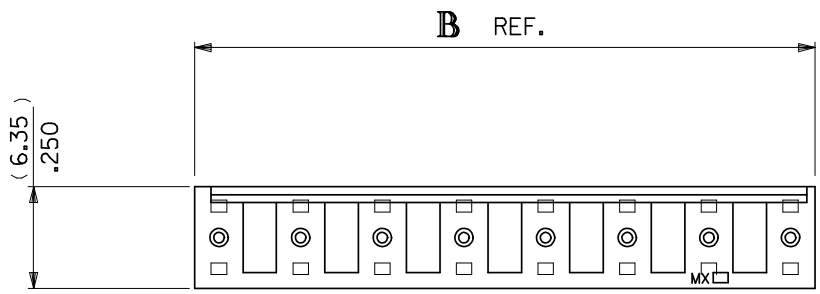
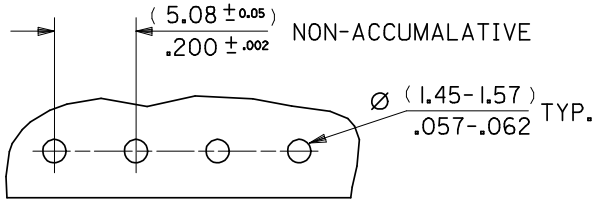
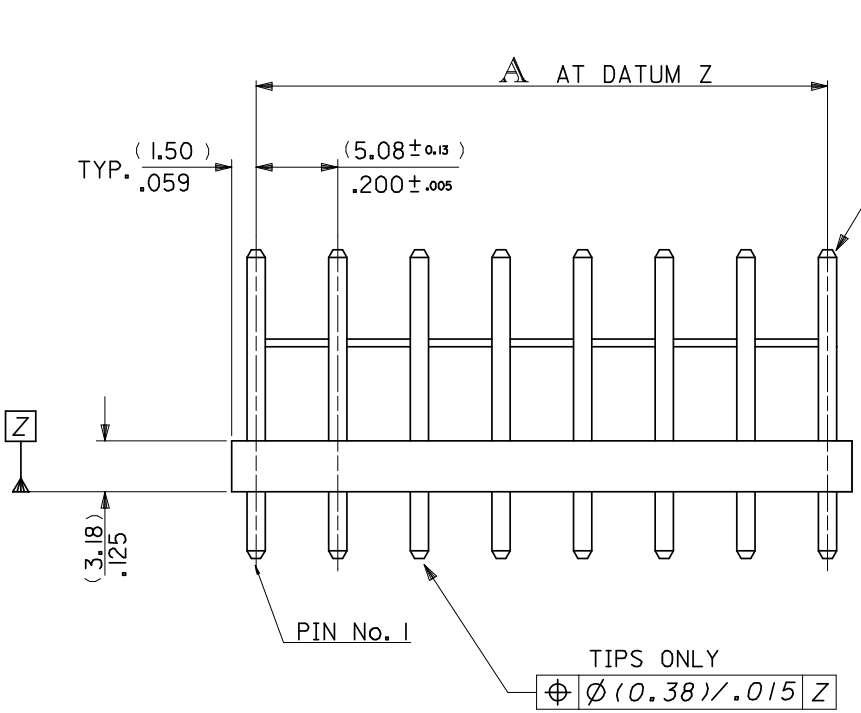
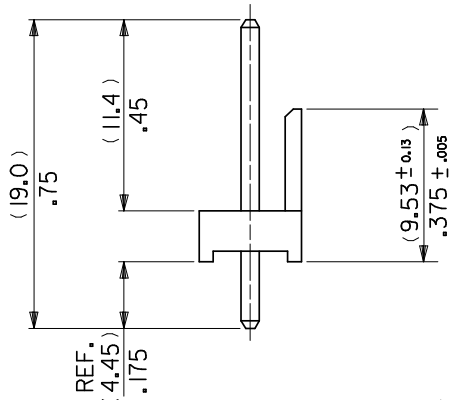



RECOMMENDED PCB HOLE DIMENSIONS




AE-2599M-N ✳-✳

NO. OF CKTS.

VERSION

VOID CKT. LOCn.

SEE SHEET 2

| No OF CCTS. | DIMn. A | DIMn. B |
|---|---|---|
| 2 | (5.08 ± 0.13) .200 ± .005 | (8.08) .318 |
| 3 | (10.16 ± 0.13) .400 ± .005 | (13.16) .518 |
| 4 | (15.24 ± 0.13) .600 ± .005 | (18.24) .718 |
| 5 | (20.32 ± 0.13) .800 ± .005 | (23.32) .918 |
| 6 | (25.40 ± 0.15) 1.000 ± .006 | (28.40) 1.118 |
| 7 | (30.48 ± 0.18) 1.200 ± .007 | (33.48) 1.318 |
| 8 | (35.56 ± 0.18) 1.400 ± .007 | (38.56) 1.518 |
| 9 | (40.64 ± 0.20) 1.600 ± .008 | (43.64) 1.718 |
| 10 | (45.72 ± 0.20) 1.800 ± .008 | (48.72) 1.918 |
| 11 | (50.80 ± 0.20) 2.000 ± .008 | (53.80) 2.118 |
| 12 | (55.88 ± 0.23) 2.200 ± .009 | (58.88) 2.318 |
| 13 | (60.96 ± 0.23) 2.400 ± .009 | (63.96) 2.518 |
| 14 | (66.04 ± 0.25) 2.600 ± .010 | (69.04) 2.718 |
| 15 | (71.12 ± 0.25) 2.800 ± .010 | (74.12) 2.918 |
| 16 | (76.20 ± 0.25) 3.000 ± .010 | (79.20) 3.118 |
| 17 | (81.28 ± 0.28) 3.200 ± .011 | (84.28) 3.318 |
| 18 | (86.36 ± 0.28) 3.400 ± .011 | (89.36) 3.518 |
| 19 | (91.44 ± 0.30) 3.600 ± .012 | (94.44) 3.718 |
| 20 | (96.52 ± 0.30) 3.800 ± .012 | (99.52) 3.918 |

NOTES:

1. WAFER MATERIAL NYLON 6/6, 94V-2.
   TERMINAL PIN, (1.14)/.045 DIA.-BRASS
   FOR PLATING SEE CHARTS.
2. PIN PUSH OUT FORCE (1.36 Kg)/3 LBS. MIN.
3. PINS MUST CONFORM TO MOLEX SOLDERABILITY SPEC. ES-152.
4. RECOMMENDED PCB THICKNESS 1.6MM

ADDED NOTE
EC NO: E2008-0337 2008/02/14
DRWN:LKIERNAN 2008/02/15
CH'KD:
APPR:BMAGUIRE 2008/02/15
DESCRIPTION
AC
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± .010 |
| 2 PLACES | ± 0.25 | ± .014 |
| 1 PLACE | ± 0.35 | ± --- |

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MC DATE: 23/02/1988
CHECKED BY: DMORIARTY DATE:
APPROVED BY: JDENNEHY DATE:
MATERIAL NO.: SEE CHART

TITLE
WAFER KK
(5.08)/.200 CENTRES
WITH POLARIZING WALL
molex MOLEX INCORPORATED
DOCUMENT NO.: SDAE-2599M-N✳
SHEET NO.: 1 OF 2

SIZE A3

PART NO. SEE CHART
DWG. NO. SDAE-2599M-N*

| No. OF CCTS. |
|---|
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| 9 |
| 10 |
| 11 |
| 12 |
| 13 |
| 14 |
| 15 |
| 16 |
| 17 |
| 18 |
| 19 |
| 20 |
| PLATING |

| AE-2599M-NA | |
|---|---|
| PART No. | ENG. No. |
| 10-08-5021 | AE-2599M- 2 A |
| 5031 | 3 A |
| 5041 | 4 A |
| 5051 | 5 A |
| 5061 | 6 A |
| 5071 | 7 A |
| 5081 | 8 A |
| 5091 | 9 A |
| 5101 | 10 A |
| 5111 | 11 A |
| 5121 | 12 A |
| 5131 | 13 A |
| 5141 | 14 A |
| 5151 | 15 A |
| 5161 | 16 A |
| 5171 | 17 A |
| 5181 | 18 A |
| 5191 | 19 A |
| 10-08-5201 | AE-2599M- 20 A |
| (0.0051)/.0002 MIN TIN OVER (0.0025)/.0001 MIN COPPER | |

| AE-2599M-NAG | |
|---|---|
| PART No. | ENG. No. |
| 10-45-5021 | AE-2599M- 2 AG |
| 5031 | 3 AG |
| 5041 | 4 AG |
| 5051 | 5 AG |
| 5061 | 6 AG |
| 5071 | 7 AG |
| 5081 | 8 AG |
| 5091 | 9 AG |
| 5101 | 10 AG |
| 5111 | 11 AG |
| 5121 | 12 AG |
| 5131 | 13 AG |
| 5141 | 14 AG |
| 5151 | 15 AG |
| 5161 | 16 AG |
| 5171 | 17 AG |
| 5181 | 18 AG |
| 5191 | 19 AG |
| 10-45-5021 | AE-2599M- 20 AG |
| (0.0005)/.00002 MIN GOLD OVER (0.0005)/.00005 MIN NICKEL | |

| AE-2599M-NA-* | | | |
|---|---|---|---|
| PART No. | ENG. No. | PART No. | ENG. No. |
| 38-00-0888 | AE-2599M- 3 A-1 | 38-00-7480 | AE-2599M- 8 A-5 |
| 38-00-7089 | 3 A-2 | 38-00-7486 | 8 A-1,5 |
| 38-00-7586 | 3 A-3 | 38-00-7097 | 8 A-3,5 |
| 38-00-7091 | 4 A-1,3 | 38-00-7606 | 8 A-3,6 |
| 38-00-7090 | 4 A-2 | 38-00-7598 | 8 A-5,7 |
| 38-00-7092 | 4 A-3 | 38-00-7485 | 8 A-5,8 |
| 38-00-4903 | 4 A-2,3 | 38-00-8278 | 08 A-2 |
| 38-00-7483 | 5 A-2 | 38-00-7660 | 8 A-3 |
| 38-00-7610 | 5 A-2,4 | 38-00-7707 | 8 A-6 |
| 38-00-7093 | 5 A-3 | 38-00-8277 | 8 A-7 |
| 38-00-7594 | 5 A-4 | 38-00-7609 | 9 A-2 |
| 38-00-7487 | 5 A-5 | 38-00-7084 | 9 A-3 |
| 38-00-7584 | 6 A-2 | 38-00-7585 | 9 A-4 |
| 38-00-7094 | 6 A-3 | 38-00-7607 | 9 A-4,7 |
| 38-00-7095 | 6 A-4 | 38-00-7098 | 9 A-5 |
| 38-00-7096 | 6 A-5 | 38-00-7599 | 9 A-6 |
| 38-00-7100 | 6 A-4,5 | 38-00-7670 | 9 A-7 |
| 38-00-7479 | 6 A-6 | 38-00-7484 | 10 A-3 |
| 38-00-1208 | 7 A-2 | 38-00-4902 | 10 A-4 |
| 38-00-7608 | 7 A-2,5 | 38-00-4905 | 10 A-6 |
| 38-00-7481 | 7 A-3 | 38-00-7099 | 11 A-5 |
| 38-00-0887 | 7 A-4 | 38-00-4900 | 12 A-2 |
| 38-00-7595 | 7 A-5 | 38-00-7482 | 12 A-4 |
| 38-00-7596 | 7 A-6 | 38-00-4899 | 12 A-6 |
| 38-00-7664 | 8 A-3 | 38-00-4904 | 12 A-8 |
| 38-00-7597 | AE-2599M- 8 A-4 | 38-00-4901 | 12 A-9 |
| | | 38-00-7600 | 12 A-3,10 |
| | | 38-00-7601 | 12 A-6,10 |
| | | 38-00-7709 | 13 A-4 |
| | | 38-00-7085 | 14 A-4 |
| | | 38-00-7087 | AE-2599M- 17 A-4 |
| (0.0051)/.0002 MIN TIN OVER (0.0025)/.0001 MIN COPPER | | | |

FOR PREVIOUS DRAWING ISSUES SEE MRI.

| REV | DESCRIPTION |
|---|---|
| ZA | PART*38-00-8278 & ENG*AE-2599M-08 A-2 ADDED<br>EC NO. E2004-0350<br>DRWN: PSHEAHAN 03/10/16<br>CH'K:<br>APPR: |

QUALITY SYMBOLS
MAJOR =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±0. | ±. |
| 3 PLACES | ±0. | ±. |
| 2 PLACES | ±0. | ±. |
| 1 PLACE | ±0. | ±. |

ANGULAR: ± °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE | DESIGN UNITS [X] mm [ ] INCH | THIRD ANGLE PROJECTION

DIMENSIONS: [X] mm/INCH [ ] INCH/mm [ ] mm ONLY

SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE: MC 23/02/88

CHECKED BY & DATE:

APPROVED BY & DATE:

CAD FILENAME: SA2599MX2 DGN

TITLE: WAFER,KK, (5.08)/.200 CENTRES WITH POLARISING WALL

MOLEX INCORPORATED

| MATERIAL NO. | DRAWING NO. | SHEET NO. |
|---|---|---|
| SEE CHART | SDAE-2599M-N * | 20F |



SIZE B

7132-1283