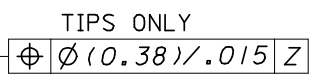
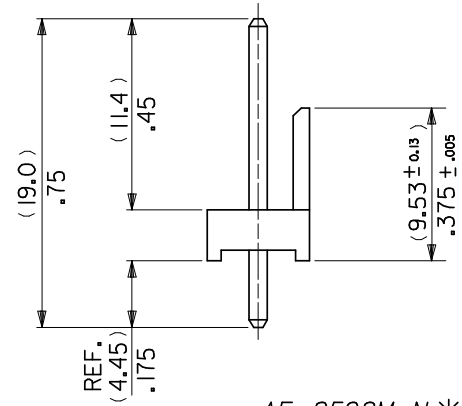
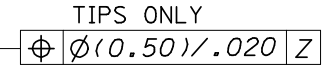
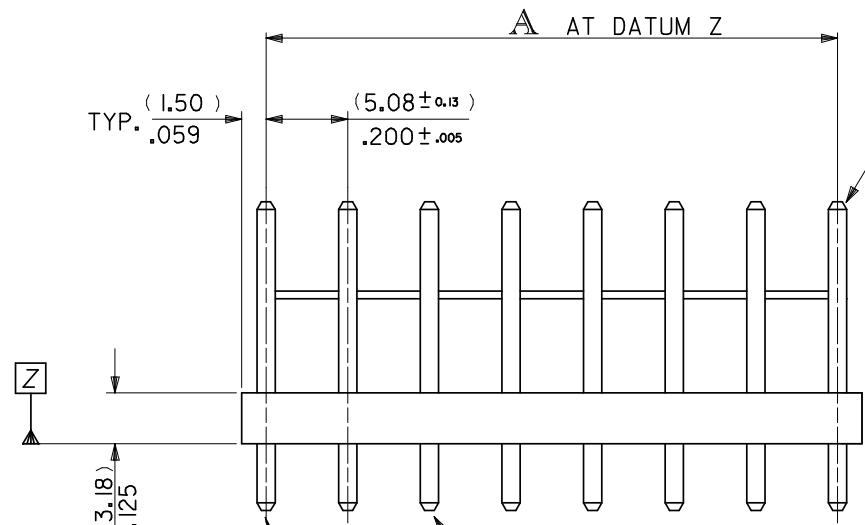


RECOMMENDED PCB HOLE DIMENSIONS



AE-2599M-N**
 VOID CKT. LOCn.
 NO. OF CKTS. VERSION
 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
 DRWN:ILK/ERNAN 2008/02/14
 CHKD: 2008/02/15
 APPR:BMAGUIRE 2008/02/15

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 DMOR/ARTY DATE
 APPROVED BY JDENNEHY DATE
 MATERIAL NO. SEE CHART
 DOCUMENT NO. SDAE-2599M-N*
 SHEET NO. 1 OF 2

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

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
10-45-5201	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.

PART NO. 08-0878 ENCLAE-2599M-AZ ADDED EC NO. E2004-0350 DRAWN: PSHEAHAN 03/10/16 CHK: / / / APPR: / / / ZA	DESCRIPTION MAJOR CRITICAL REV
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QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED) 4 PLACES ±0. ±. 3 PLACES ±0. ±. 2 PLACES ±0. ±. 1 PLACE ±0. ±. ANGULAR: ± °	SCALE DRAWN BY & DATE MC 23/02/88 CHECKED BY & DATE APPROVED BY & DATE	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input type="checkbox"/> ONLY	SHT REV REVISE ON CAD ONLY
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	TITLE: WAFER, KK, (5.08)/.200 CENTRES WITH POLARISING WALL MOLEX MOLEX INCORPORATED	SHEET NO. 20F
CAD FILENAME S42599MX2 DGN		MATERIAL NO. SEE CHART	DRAWING NO. SDAE-2599M-N*	SIZE B