

F

E

D

C

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A

F

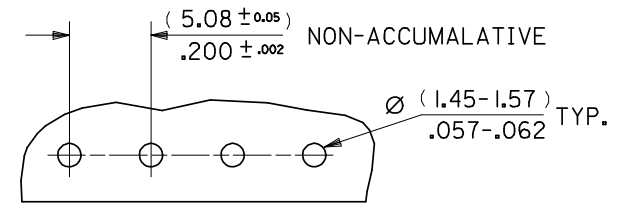
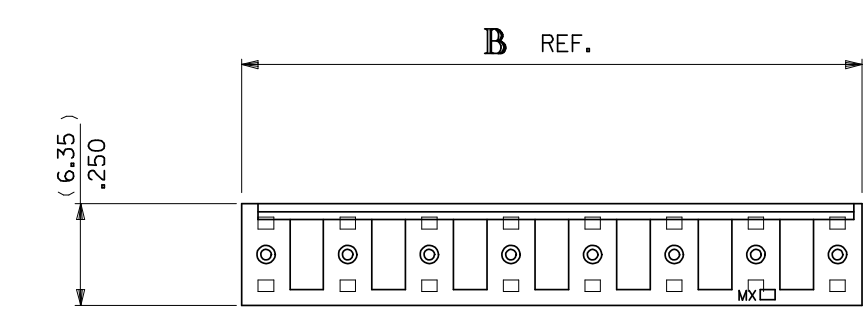
E

D

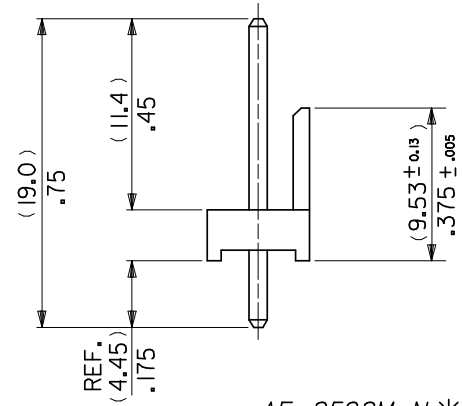
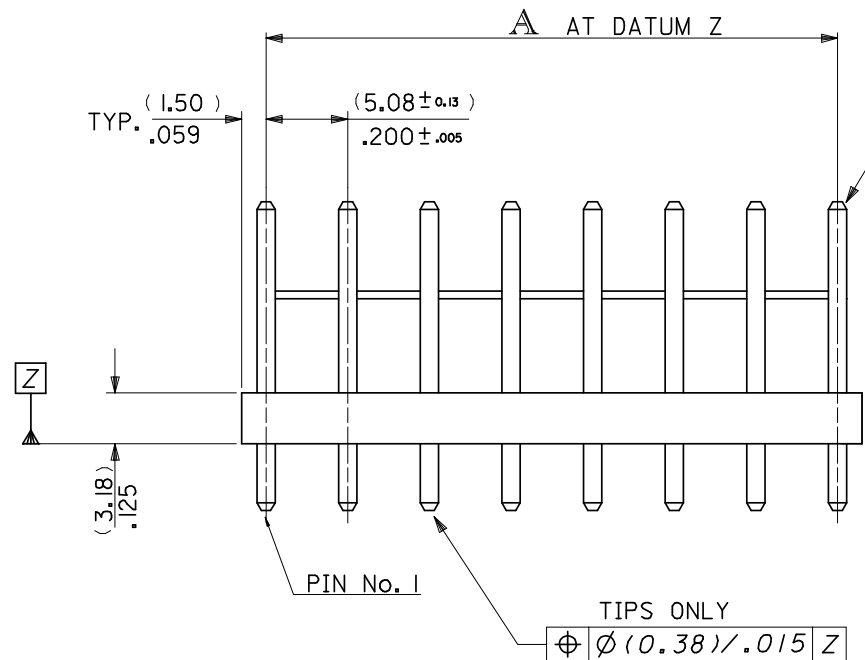
C

B

A



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: LKIERMAN CHKD: APPR: BMAGUIRE AC	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY MC	DATE 23/02/1988	TITLE WAFER KK (5.08)/.200 CENTRES WITH POLARIZING WALL				
			4 PLACES ± ---	± ---	CHECKED BY DMORIARTY	DATE	MOLEX MOLEX INCORPORATED				
			3 PLACES ± ---	± .010	APPROVED BY JDENNEHY	DATE	DOCUMENT NO. SDAE-2599M-N*				
			2 PLACES ± 0.25	± .014	MATERIAL NO.		SHEET NO. 1 OF 2				
		1 PLACE ± 0.35	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

AE-2599M-NA		
PART	No.	ENG. No.
10-08-	502 I	AE-2599M- 2 A
▲	503 I	3 A
	504 I	4 A
	505 I	5 A
	506 I	6 A
	507 I	7 A
	508 I	8 A
	509 I	9 A
	510 I	10 A
	511 I	11 A
	512 I	12 A
	513 I	13 A
	514 I	14 A
	515 I	15 A
	516 I	16 A
	517 I	17 A
	518 I	18 A
▼	519 I	19 A
10-08-	520 I	AE-2599M- 20 A
(0.005)I/.0002 MIN TIN OVER (0.0025)I/.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
(0.005)/.0002 MIN TIN OVER (0.0025)/.0001 MIN COPPER			

FOR PREVIOUS
DRAWING ISSUES
SEE MRI.

PART: 19-00-5378 & ENC-AE-2599M-08 1-2 ADDED EC NO. E2004-0350 DRAWN: PSHEAHAN 03/10/16 CHK: / / APPR: / / ZA	DESCRIPTION	TOLERANCE SYMBOLS MAJOR =  CRITICAL = 	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☒ mm ☐ INCH ☐ mm ONLY		SHT	REV																
			<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>3 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>2 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>1 PLACE</td><td>±0.</td><td>±.</td></tr></table>			mm	INCH	4 PLACES	±0.	±.	3 PLACES	±0.	±.	2 PLACES	±0.	±.	1 PLACE	±0.	±.	DRAWN BY & DATE MC 23/02/88		TITLE: WAFER, KK, (5.08)/.200 CENTRES WITH POLARISING WALL					
				mm	INCH																						
			4 PLACES	±0.	±.																						
3 PLACES	±0.	±.																									
2 PLACES	±0.	±.																									
1 PLACE	±0.	±.																									
		CHECKED BY & DATE																									
		APPROVED BY & DATE		MOLEX INCORPORATED																							
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				CAD FILENAME SA2599MX2 DGN	MATERIAL NO. SEE CHART	DRAWING NO. SDAE-2599M-N *		SHEET NO. 20F	SIZE B																