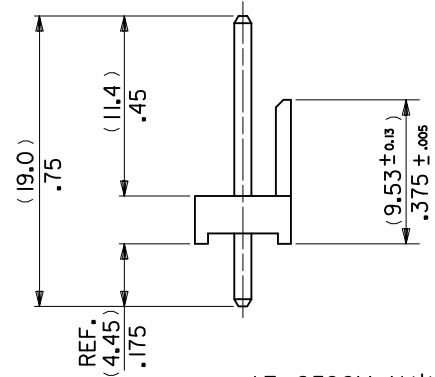
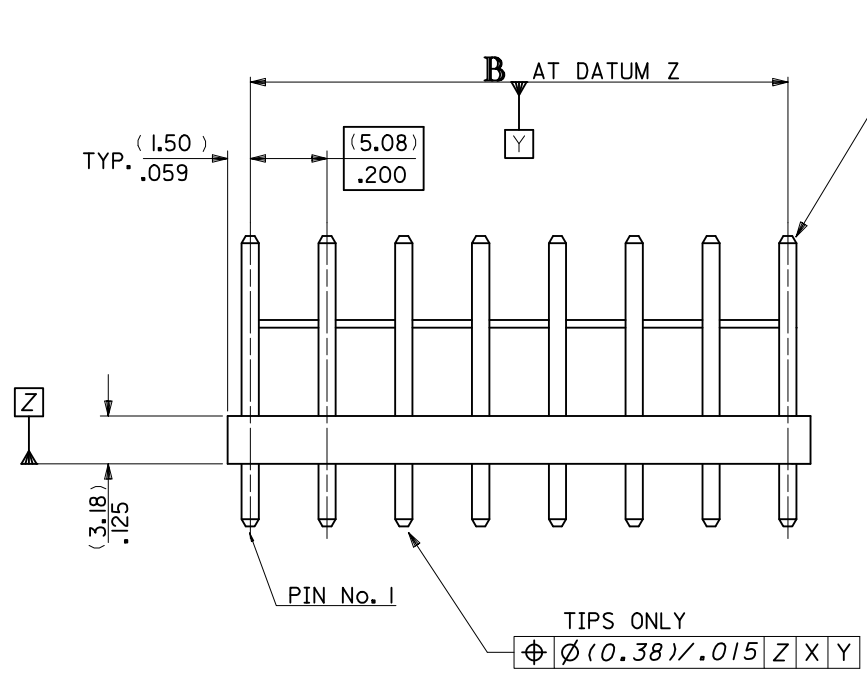


No OF CCTS.	DIMn. A	DIMn. B
2	( 8.08) .318	( 5.08 ± 0.13) .200 ± .005
3	(13.16) .518	(10.16 ± 0.13) .400 ± .005
4	(18.24) .718	(15.24 ± 0.13) .600 ± .005
5	(23.32) .918	(20.32 ± 0.13) .800 ± .005
6	(28.40) 1.118	(25.40 ± 0.15) 1.000 ± .006
7	(33.48) 1.318	(30.48 ± 0.18) 1.200 ± .007
8	(38.56) 1.518	(35.56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



AE-2599M-N\*  
 NO. OF CKTS.      VOID CKT. LOCn.  
 VERSION  
 SEE SHEET 2

- NOTES:
1. WAFER MATERIAL: NYLON 6/6, UL94V-2  
TERMINAL PIN: (1.14)/.045 DIA. BRASS
  2. FOR PLATING, SEE CHARTS.
  3. PRODUCT SPECIFICATION: PS-99020-0087
  4. PIN PUSH OUT FORCE (13.34N)/3LBS. MIN.
  5. PINS MUST CONFORM TO MOLEX SOLDERABILITY SPEC. ES-152.
  6. RECOMMENDED PCB THICKNESS 1.6MM.
  7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

PIN POSITION TOL. EC NO: UCP/2010-1815 DRWN:MK/IPER 2010/05/26 CHKD:SS/USEK 2010/05/26 APPR:FSM/TH 2010/06/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION									
	$\nabla = 0$ $\square = 0$	<table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± ---</td><td>± ---</td></tr> <tr><td>3 PLACES ± ---</td><td>± .010</td></tr> <tr><td>2 PLACES ± 0.25</td><td>± .014</td></tr> <tr><td>1 PLACE ± 0.35</td><td>± ---</td></tr> </table>	mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± .010	2 PLACES ± 0.25	± .014	1 PLACE ± 0.35	± ---	MM/IN	3:1	METRIC
mm	INCH														
4 PLACES ± ---	± ---														
3 PLACES ± ---	± .010														
2 PLACES ± 0.25	± .014														
1 PLACE ± 0.35	± ---														

DRAWN BY MC	DATE 23/02/1988	TITLED WAFER KK (5.08)/.200 CENTRES WITH POLARIZING WALL MOLEX INCORPORATED
	CHECKED BY DMORIARTY	
APPROVED BY JDENNEHY	DATE 2010/05/26	MATERIAL NO. SDAE-2599M-N*
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
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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#38-00-8278 &  
ENG#AE-2599M-08 A-2 ADDED  
E2 NO. E2004-0350  
DRWN: PSHEAHAN 03/10/16  
CHK: / / /  
APPR: / / /  
ZA

QUALITY SYMBOLS  
MAJOR  
CRITICAL

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  
 mm  INCH

THIRD ANGLE PROJECTION

DRAWN BY & DATE  
MC 23/02/88

CHECKED BY & DATE

APPROVED BY & DATE

CAD FILENAME SA2599MX2 DGN

DIMENSIONS:  
 mm  INCH  mm ONLY  INCH ONLY

SHT REV  
REVISE ON CAD ONLY

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

MOLEX INCORPORATED

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

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

SIZE B