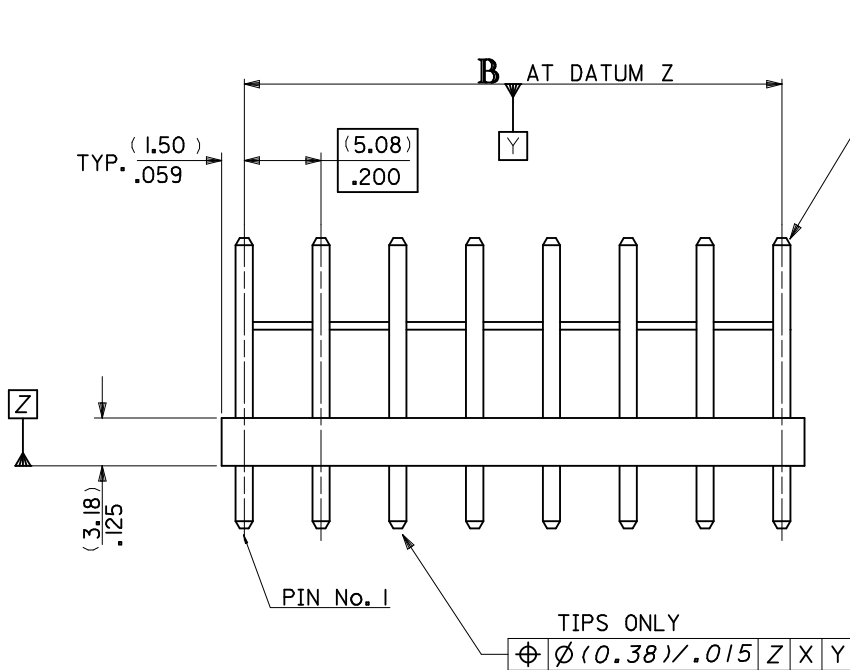
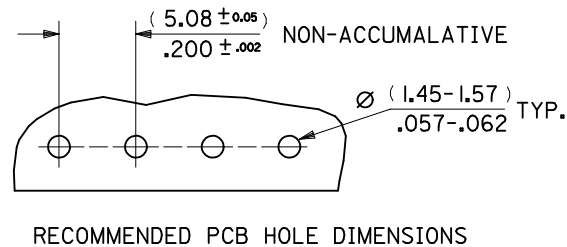
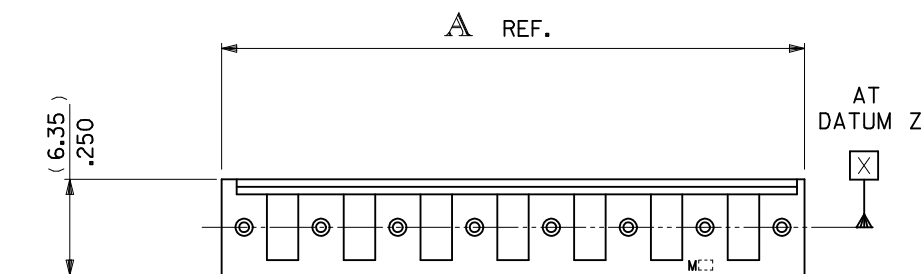
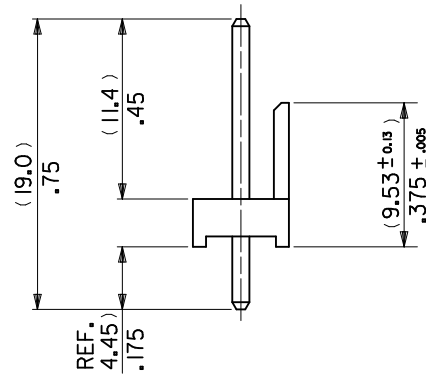


10 9 8 7 6 5 4 3 2 1



TIPS ONLY
Ø (0.51) / .020 Z X Y



TIPS ONLY
Ø (0.38) / .015 Z X Y

AE-2599M-N*-*

VOID CKT.
LOCn.

NO. OF CKTS.

VERSION

SEE SHEET 2

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

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.	DESCRIPTION	QUALITY SYMBOLS
EC NO: UCP2010-1815	2010/05/26	▽=0
DRWN:WK/PER	2010/05/26	▽=0
CHKD:SS/USEK	2010/05/26	
APPR:FSM/TH	2010/06/03	
AD		

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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN	3:1	METRIC	
DRAWN BY	DATE	TITLE	
MC	23/02/1988		
CHECKED BY	DATE		
DMORIARTY			
APPROVED BY	DATE		
JDENNEY	2010/05/26		
MATERIAL NO.			
SEE CHART			

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
3:1	METRIC	
WAIVER KK		
(5.08)/.200 CENTRES		
WITH POLARIZING WALL		
MOLEX INCORPORATED		
DOCUMENT NO.		
SDAE-2599M-N*		
SHEET NO.		
1 OF 2		

9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

10987654321

PART NO.
SEE CHART

DWG. NO.SDAE-2599M-N*

No. OF CCTS.

234567891011121314151617181920PLATING

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)/.000 I MIN COPPER	

AE-2599M-NAG

PART No.	ENG. No.
10-45-502 I	AE-2599M- 2 AG
▲ 503 I	▲ 3 AG
504 I	4 AG
505 I	5 AG
506 I	6 AG
507 I	7 AG
508 I	8 AG
509 I	9 AG
510 I	10 AG
511 I	11 AG
512 I	12 AG
513 I	13 AG
514 I	14 AG
515 I	15 AG
516 I	16 AG
517 I	17 AG
518 I	18 AG
▼ 519 I	▼ 19 AG
10-45-520 I	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-I	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 I)/.0002 MIN TIN OVER (0.0025)/.000 I MIN COPPER			

FOR PREVIOUS DRAWING ISSUES SEE MRI.

PART#38-00-8278 & ENG# AE-2599M-08 A-2 ADDED BY E2004-0350 DRWN: PSHEAHAN 03/10/16 CHK: / / APPR:

ZA

DESCRIPTION

REV

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 WITH IN DIMENSIONS		

SCALE

DESIGN UNITS mm INCH

TITLE WAFER,KK.(5.08)/.200 CENTRES WITH POLARISING WALLMOLEX INCORPORATED

MATERIAL NO. SEE CHARTDRAWING NO. SDAE-2599M-N * SHEET NO. 20F

SHT REV REVISION ON CAD ONLY

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

SIZE B

DIMENSIONS:

mminchmmonly

7132-128310987654321