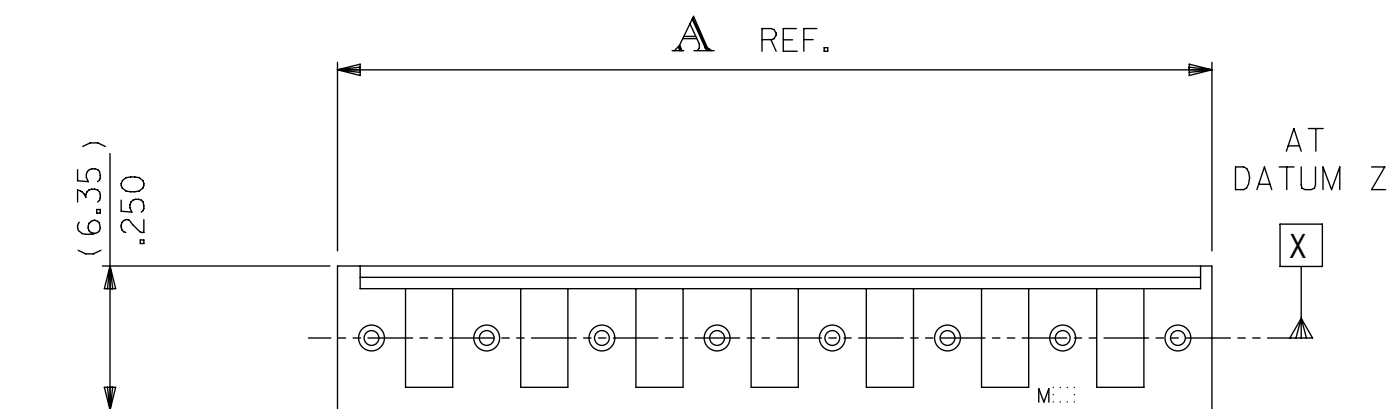
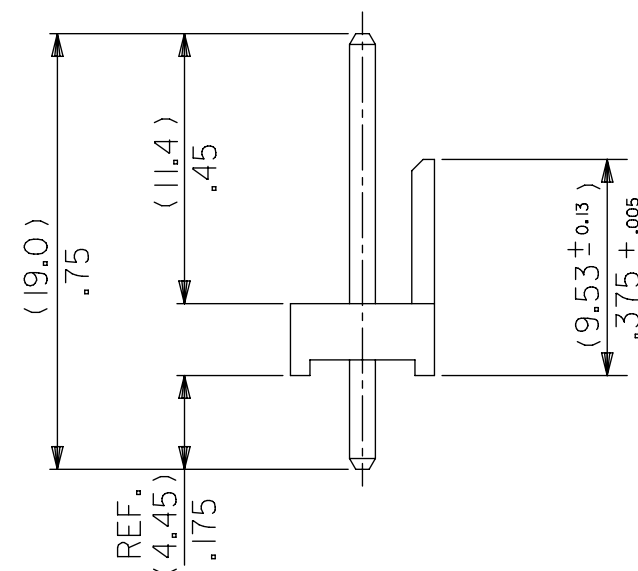
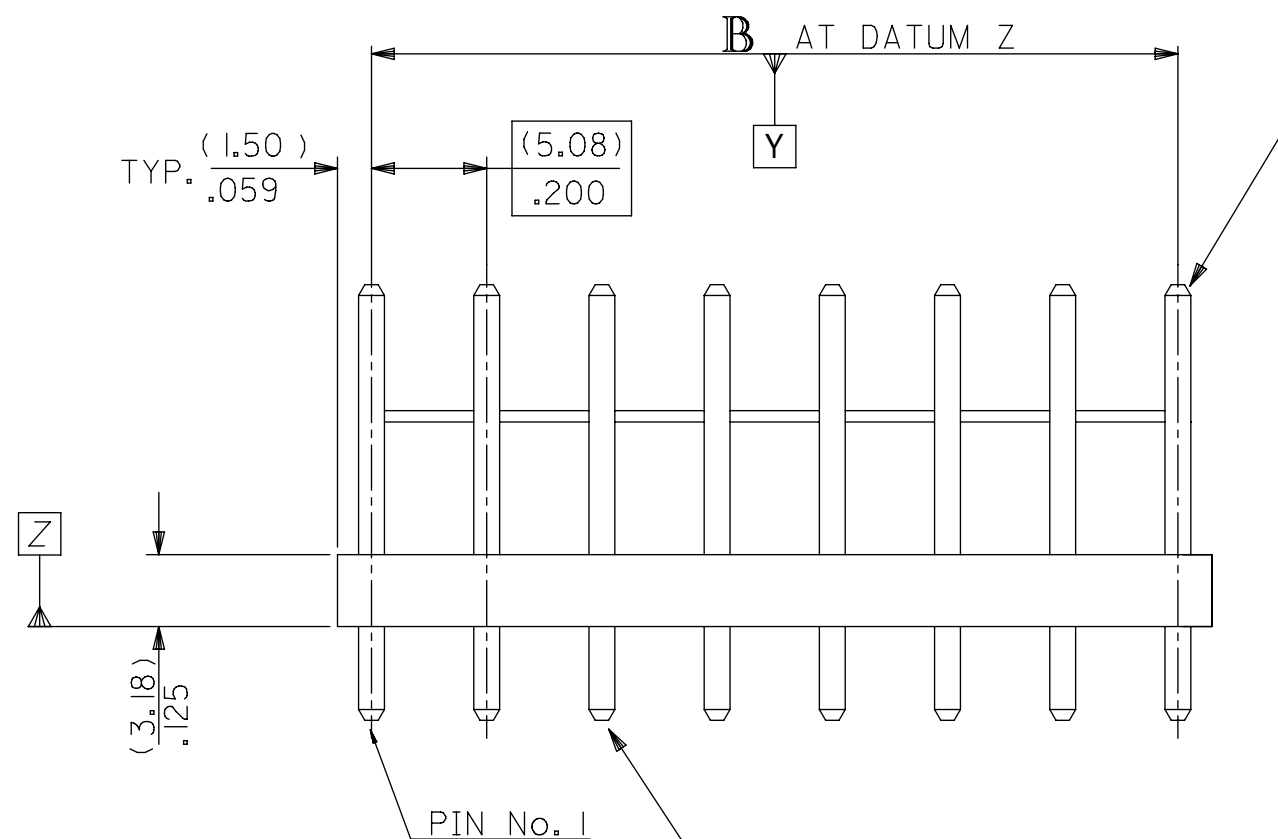


RECOMMENDED PCB HOLE DIMENSIONS

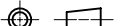


No. OF CCTS.	DIMn. A	DIMn. B
2	(8.08) .318	(5.08 ± 0.13) .200 ± .005
3	(13.16) .518	(10.16 ± 0.13) .400 ± .005
4	(18.24) .718	(15.24 ± 0.13) .600 ± .005
5	(23.32) .918	(20.32 ± 0.13) .800 ± .005
6	(28.40) 1.118	(25.40 ± 0.15) 1.000 ± .006
7	(33.48) 1.318	(30.48 ± 0.18) 1.200 ± .007
8	(38.56) 1.518	(35.56 ± 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

AE-2599M-N *-*	
	VOID CKT. LOCn.
<u>NO. OF CKTS.</u>	<u>VERSION</u>
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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER REQUEST.				molex							
mm/IN		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				WAFER KK (5.08).200 CENTRES WITH POLARIZING WALL											
	MM	INCH													
4 PLACES	±		±	EC NO: 835510 DRWN: SS06 CHK'D: GGA APPR: GGA				2018/10/08 2025/09/25 2025/09/25							
3 PLACES	±		± 0.01												
2 PLACES	±	0.25	± 0.014	PRODUCT CUSTOMER DRAWING											
1 PLACE	±	0.35	±												
0 PLACES	±		±	INITIAL REVISION: DRWN: MC APPR: JDENNEHY				DOCUMENT NUMBER SDAE-2599M-NX							
ANGULAR TOL ± °													DOC TYPE PSD		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		2599		SEE CHART		GENERAL MARKET		1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/25	09:36:23
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10		9		8		7		6		5		4		3		2		1	
No. OF CCTS. 2 3 4 5 6 7 8 9 10 11 12 PLATING												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															
10-08- 512 I				AE-2599M- 12 A															
0.00254/.000100 MIN MATTE TIN OVER																			
0.00127/.000050 MIN NICKEL																			
0.00254/.000100 MIN MATTE TIN OVER 0.00127/.000050 NICKEL												AE-2599M-NA -*							
												PART No.				ENG. No.			
												38-00-0888				AE-2599M- 3 A-1			
												38-00-7089				↑ 3 A-2			
												38-00-7586				3 A-3			
												---				---			
												38-00-7090				4 A-2			
												38-00-7092				4 A-3			
												38-00-4903				4 A-2,3			
												38-00-7483				5 A-2			
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38-00-7093				5 A-3															
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38-00-7487				5 A-5															
38-00-7584				6 A-2															
38-00-7094				6 A-3															
38-00-7095				6 A-4															
38-00-7096				6 A-5															
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38-00-1208				7 A-2															
38-00-7608				7 A-2,5															
38-00-7481				7 A-3															
38-00-0887				7 A-4															
38-00-7595				↓ 7 A-5															
38-00-7596				AE -2599M-7 A-6															
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38-00-4904				↓ 12 A-8															
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38-00-4901				↓ AC 2599M -12 A-9															
0.00254/.000100 MIN MATTE TIN OVER 0.00127/.000050 NICKEL																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER REQUEST.				molex											
mm/IN		1:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
	MM	INCH																	
4 PLACES	±		±	EC NO: 835510 DRWN: SS06 2018/10/08 CHK'D: GGA 2025/09/25 APPR: GGA 2025/09/25				WAFER KK (5.08)/.200 CENTRES WITH POLARIZING WALL											
3 PLACES	±		± 0.01																
2 PLACES	±	0.25	± 0.014																
1 PLACE	±	0.35	±																
0 PLACES	±		±	INITIAL REVISION: DRWN: MC 1988/02/23 APPR: JDENNEHY 2010/05/26				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION							
ANGULAR TOL ± °								SDAE-2599M-NX		PSD	001	AG1							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER								
						B-SIZE	2599	SEE CHART	GENERAL MARKET		2 OF 2								
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/25 09:36:23		7		6		5		4		3		2		1	
FORMAT: Eng-legal-master-lb-prod-B		9		8		7		6		5		4		3		2		1	
REVISION: E1																			
DATE: 2021/05/01																			