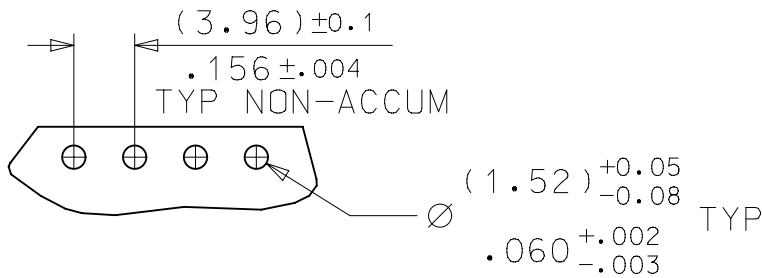
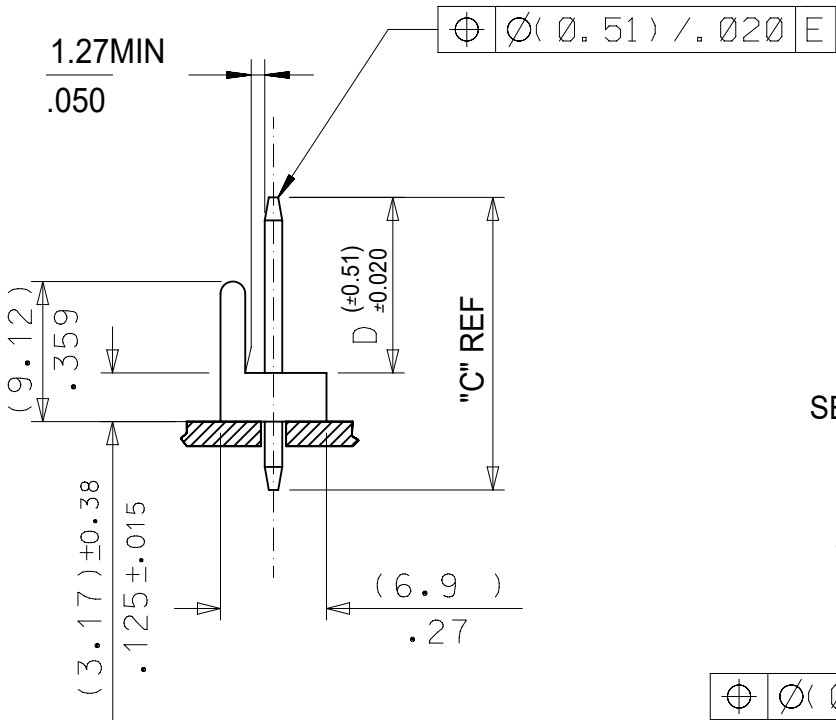


10		9		8	
		ENG No:			AE-3190-NA
		DIM "D"			(11.43) .450
		DIM "C"			(19.05) .750
CCT SIZE	DIM "A"		DIM "B"		PART No
3	(7.92) .312		(11.89) .468		26-19-2031
4	(11.89) .468		(15.85) .624		26-19-2041
5	(15.85) .624		(19.81) .780		26-19-2051
6	(19.81) .780		(23.77) .936		26-19-2061
8	(27.74) 1.092		(31.70) 1.248		26-19-2081
9	(31.70) 1.248		(35.66) 1.404		26-19-2091
10	(35.66) 1.404		(39.62) 1.560		26-19-2101
11	(39.62) 1.560		(43.59) 1.716		26-19-2111
12	(43.59) 1.716		(47.55) 1.872		26-19-2121
13	(47.55) 1.872		(51.51) 2.028		26-19-2131
15	(55.47) 2.184		(59.44) 2.340		26-19-2151
16	(59.44) 2.340		(63.40) 2.496		26-19-2161
17	(63.40) 2.496		(67.36) 2.652		26-19-2171
18	(67.36) 2.652		(71.32) 2.808		26-19-2181
19	(71.32) 2.808		(75.29) 2.964		26-19-2191
20	(75.29) 2.964		(79.25) 3.120		26-19-2201



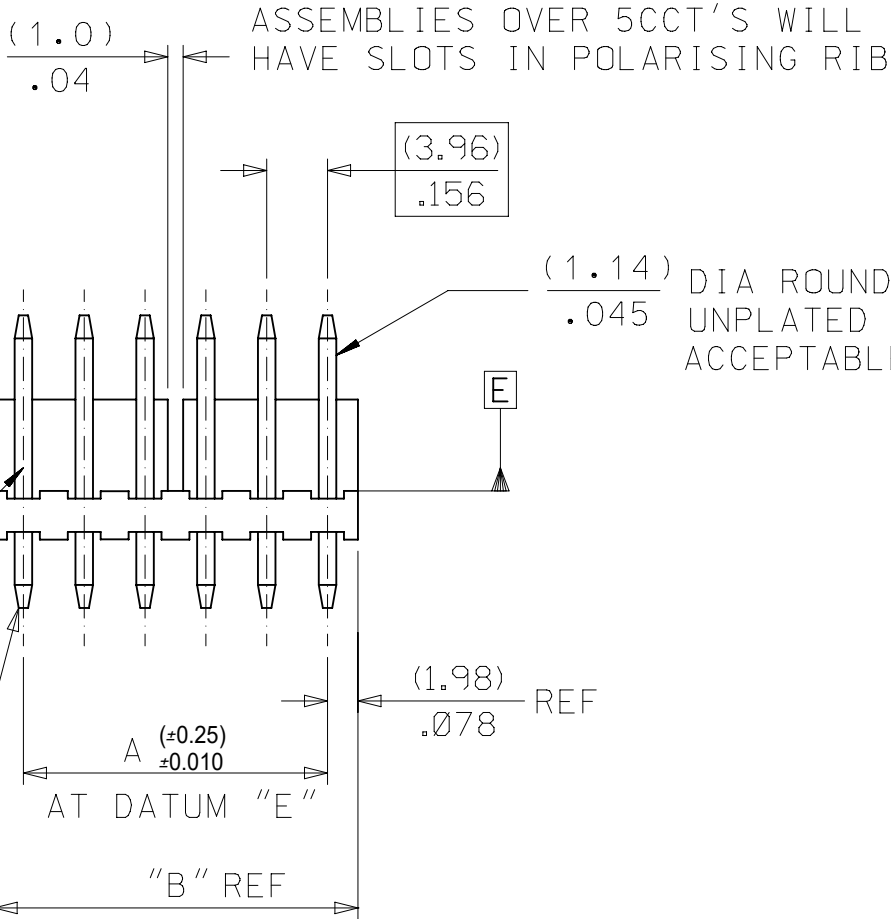
RECOMMENDED PCB HOLE DIMENSIONS

$\phi \phi (0.38) \pm .015$ E

SEE NOTE 6

CKT. No.1

SEE NOTE 9



- NOTES:
1. MATERIAL: HOUSING: NYLON, UL94V-2, COLOR: NATURAL
PINS: BRASS
 2. FINISH: (0.00254)/.000100 MIN. MATTE TIN OVER
(0.00127)/.000050 MIN. NICKEL
UNPLATED TIPS ACCEPTABLE
 3. PRODUCT SPECIFICATION: PS-99020-0087
 4. PACKAGING SPECIFICATION: PER PK-3190-001
 5. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 6. PIN PUSHOUT FORCE 3 LBS MIN.
 7. PIN MUST CONFORM TO MOLEX SOLDERABILITY SPEC SMES-152 AFTER PLATING.
 8. RECOMMENDED PCB BOARD 1.6MM
 9. CIRCUIT 1 USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT ALIGN WITH CIRCUIT 1 OF THE MATING PART.

FUNCTIONAL SYMBOLS	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 PCN#515767			molex WAFER POL KK .156 FOR .045 ROUND PINS								
	MM/IN		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
= 0					EC NO: 806185 DRWN: VISHAH2 CHK'D: GGA APPR: GGA			2024/11/27 2024/12/16 2024/12/16								
= 0					EC NO: 806185 DRWN: VISHAH2 CHK'D: GGA APPR: GGA			2024/11/27 2024/12/16 2024/12/16								
= 0					EC NO: 806185 DRWN: VISHAH2 CHK'D: GGA APPR: GGA			2024/11/27 2024/12/16 2024/12/16								
DIVISIONAL SYMBOLS	4 PLACES		±		±	PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER SDAE-3190-NXX			DOC TYPE PSD	DOC PART 001	REVISION AD2		
	3 PLACES		±		± 0.01											
	2 PLACES		± 0.25		± 0.014											
	1 PLACE		± 0.35		±											
0 PLACES		±		±	INITIAL REVISION: DRWN: T.MOHON APPR: MWILHITE			1998/10/02 1998/10/02								
ANGULAR TOL		± 0.5 °														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING B-SIZE		SERIES 3190		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	

ENG NO:		AE-3190-NA-*			
DIM "D"		(11.43) .450			
DIM "C"		(19.05) .750			
NO. OF CKTS	VOID LOCATION	PART NO.	ENG NO.	DIM. "A"	DIM. "B"
3	3	38-00-7587	AE-3190-3A-51	(7.92 ± 0.25) .312 ± .010	(11.89) .486
4	2	↑ -7260	↑ -4A-51	↑ (11.89) .469	↑ (15.85) .624
4	3	-7261	-4A-52	(11.89) .469	(15.85) .624
5	2	-7588	-5A-54	(15.85) .624	(19.81) .780
5	3	-1589	-5A-03	(15.85) .624	(19.81) .780
5	4	-7604	-5A-04	(15.85) .624	(19.81) .780
5	2&4	-1200	-5A-51	(15.85) .624	(19.81) .780
5	1,3	-7262	-5A-52	(15.85) .624	(19.81) .780
5	3,5	-1588	-5A-53	(15.85) .624	(19.81) .780
6	3	-7642	-6A-54	(19.81) .780	(23.77) .936
6	4	-7263	-6A-51	(19.81) .780	(23.77) .936
6	5	-7641	-6A-53	(19.81) .780	(23.77) .936
6	3,6	-7589	-6A-52	(19.81) .780	(23.77) .936
7	6	-7605	-7A-06	(23.77) .936	(27.74) 1.092
8	4	-7590	-8A-51	(27.74) 1.092	(31.70) 1.248
9	4,7	-7638	-9A-52	(31.70) 1.248	(35.66) 1.404
10	3,4	-7639	-10A-51	(35.66) 1.404	(39.62) 1.560
11	6	-7591	-11A-55	(39.62) 1.560	(43.59) 1.716
11	2,4,8	-7264	-11A-52	(39.62) 1.560	(43.59) 1.716
11	3,4,8	-1587	-11A-53	(39.62) 1.560	(43.59) 1.716
11	4,8,9	-1586	-11A-54	(39.62) 1.560	(43.59) 1.716
13	3	-7669	-13A-3	(47.55) 1.872	(51.51) 2.028
13	4,8,11	-7640	-13A-51	(47.55) 1.872	(51.51) 2.028
15	3,9	↓ -8241	↓ -15A-52	↓ (55.47) 2.184	↓ (59.44) 2.340
15	9,13	38-00-8242	AE-3190-15A-53	(55.47 ± 0.25) 2.184 ± .010	(59.44) 2.340

OBSOLETE PART #S

0
0
0

SEE CHART

F

E

D

C

B

A

F

E

D

C

B

A

ENG NO:		AE-3190-NA-*				
DIM "D"		(11.43) .450				
DIM "C"		(19.05) .750				
NO. OF CKTS	VOID LOCATION	PART NO.	ENG NO.	DIM. "A"	DIM. "B"	
3	3	38-00-7587	AE-3190-3A-51	(7.92 ±0.25) .312 ±.010	(11.89) .486	
4	2	↑ -7260	↑ -4A-51	(11.89) .469	(15.85) .624	
4	3	-7261	-4A-52	(11.89) .469	(15.85) .624	
5	2	-7588	-5A-54	(15.85) .624	(19.81) .780	
5	3	-1589	-5A-03	(15.85) .624	(19.81) .780	
5	4	-7604	-5A-04	(15.85) .624	(19.81) .780	
5	2&4	-1200	-5A-51	(15.85) .624	(19.81) .780	
5	1,3	-7262	-5A-52	(15.85) .624	(19.81) .780	
5	3,5	-1588	-5A-53	(15.85) .624	(19.81) .780	
6	3	-7642	-6A-54	(19.81) .780	(23.77) .936	
6	4	-7263	-6A-51	(19.81) .780	(23.77) .936	
6	5	-7641	-6A-53	(19.81) .780	(23.77) .936	
6	3,6	-7589	-6A-52	(19.81) .780	(23.77) .936	
7	6	-7605	-7A-06	(23.77) .936	(27.74) 1.092	
8	4	-7590	-8A-51	(27.74) 1.092	(31.70) 1.248	
9	4,7	-7638	-9A-52	(31.70) 1.248	(35.66) 1.404	
10	3,4	-7639	-10A-51	(35.66) 1.404	(39.62) 1.560	
11	6	-7591	-11A-55	(39.62) 1.560	(43.59) 1.716	
11	2,4,8	-7264	-11A-52	(39.62) 1.560	(43.59) 1.716	
11	3,4,8	-1587	-11A-53	(39.62) 1.560	(43.59) 1.716	
11	4,8,9	-1586	-11A-54	(39.62) 1.560	(43.59) 1.716	
13	3	-7669	-13A-3	(47.55) 1.872	(51.51) 2.028	
13	4,8,11	-7640	-13A-51	(47.55) 1.872	(51.51) 2.028	
15	3,9	↓ -8241	↓ -15A-52	(55.47) 2.184	(59.44) 2.340	
15	9,13	38-00-8242	AE-3190-15A-53	(55.47 ±0.25) 2.184 ±.010	(59.44) 2.340	

OBSOLETE PART #S EC NO: UCP2011-0768 DRWN:KIPPER 2010/09/20 CHKD:SSOUSEK APPR:FSM:TH 2011/02/11	QUALITY SYMBOLS F _A =0 F _C =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES 3 PLACES 2 PLACES 1 PLACE	± --- ± --- ± --- ± ---	mm INCH	DRAWN BY M.GOONEY CHECKED BY E.FOLAN APPROVED BY M.WILHITE	DATE 2000/10/23 2000/11/09 2000/11/09	TITLE WAFER POLARIZING KK .156 (3.96)/.156,MOLDED FOR (1.14)/.045RD,PIN,W/VOID	moLEX MOLEX INCORPORATED	SHEET NO. 2 OF 2
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		SDAE-3190-N**			