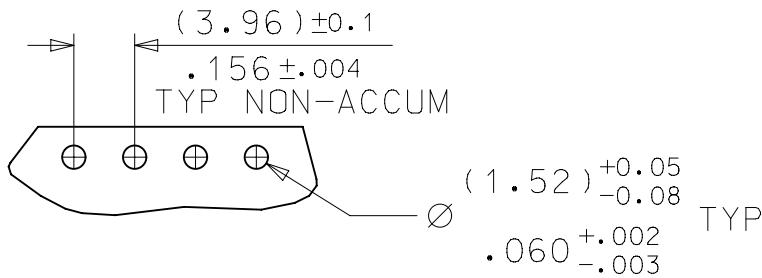
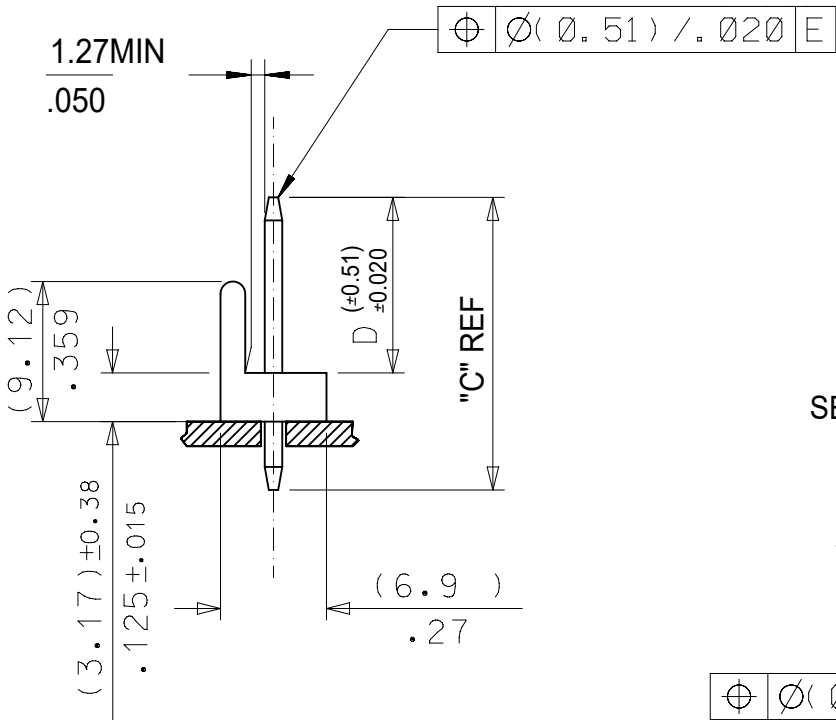


10			9		8	
ENG No:			AE-3190-NA			
DIM "D"			(11.43) .450			
DIM "C"			(19.05) .750			
CCT SIZE	DIM "A"	DIM "B"	PART No			
3	(7.92) .312	(11.89) .468	26-19-2031			
4	(11.89) .468	(15.85) .624	26-19-2041			
5	(15.85) .624	(19.81) .780	26-19-2051			
6	(19.81) .780	(23.77) .936	26-19-2061			
8	(27.74) 1.092	(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

Ø(Ø.38) / .015 E

SEE NOTE 6

CKT. No.1
SEE NOTE 9

(1.0) / .04 ASSEMBLIES OVER 5CCT'S WILL HAVE SLOTS IN POLARISING RIB

(3.96) / .156

(1.14) / .045 DIA ROUND PIN, UNPLATED TIPS ACCEPTABLE

E

(1.98) / .078 REF

A (±0.25) / ±0.010

AT DATUM "E"

"B" REF

- 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 F/A = 0 F/C = 0 F/D = 0 DIVISIONAL 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				
	MM/IN		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
			MM	INCH					WAFER POL KK .156 FOR .045 ROUND PINS				
	4 PLACES ±			±									
	3 PLACES ±			± 0.01									
	2 PLACES ±		0.25	± 0.014									
	1 PLACE ±		0.35	±	PRODUCT CUSTOMER DRAWING								
	0 PLACES ±			±					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL		± 0.5 °		INITIAL REVISION: DRWN: T.MOHON 1998/10/02 APPR: MWILHITE 1998/10/02				SDAE-3190-NXX PSD 001 AD2					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE	3190	SEE CHART		GENERAL MARKET		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

CHKD:SSOUSEK

APPR:FSMITH

2010/09/20

2011/02/11

REV

DESCRIPTION

QUALITY SYMBOLS

F_A=0

F_C=0

F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± ---

3 PLACES ± ---

2 PLACES ± ---

1 PLACE ± ---

ANGULAR ± ---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SIZE

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

WAFER POLARIZING KK .156 (3.96)/.156,MOLDED FOR (1.14)/.045RD,PIN,W/VOID

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SHEET NO.

SEE CHART

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