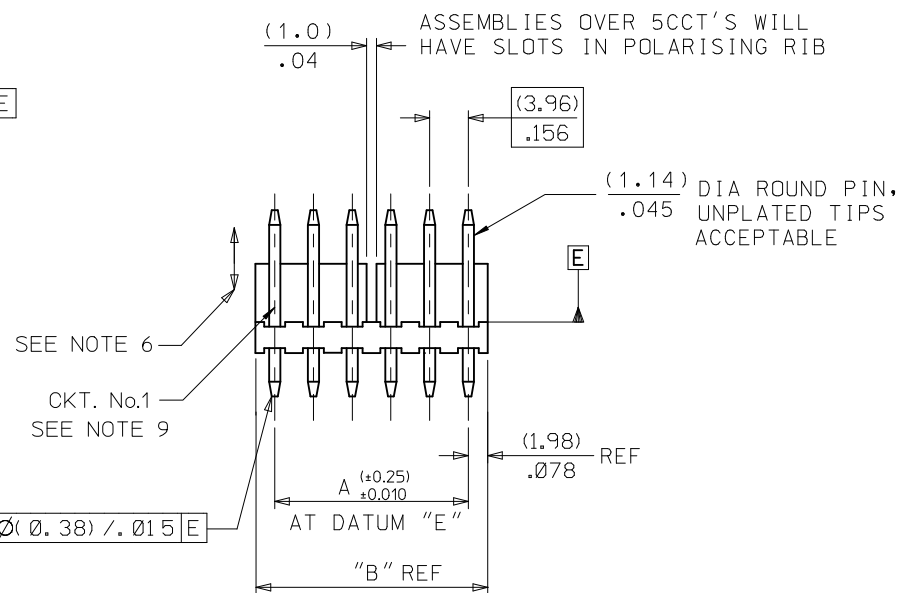
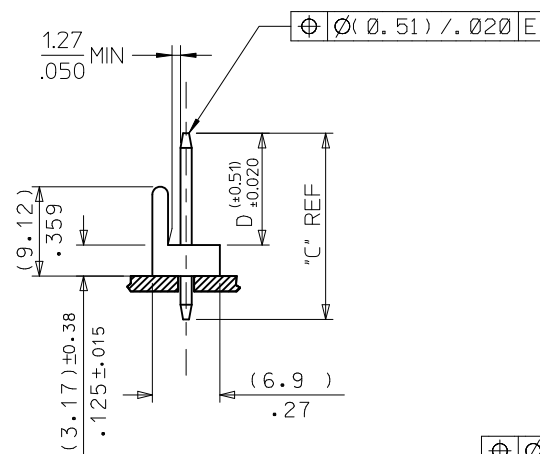
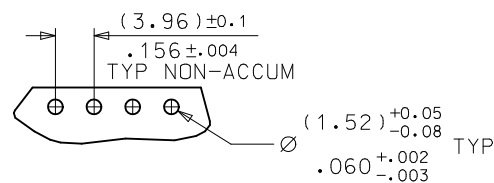


10	9	8	7	6	5	4	3	2	1
ENG No:			AE-3190-NA						
DIM "D"			(11.43) .450						
DIM "C"			(19.05) .750						
CCT SIZE	DIM "A"	DIM "B"	PART No						
2	(3.96) .156	(7.92) .312	26-19-2021						
3	(7.92) .312	(11.89) .468	26-19-2031						
4	(11.89) .468	(15.85) .624	26-19-2041						
5	(15.85) .624	(19.81) .780	26-19-2051						
6	(19.81) .780	(23.77) .936	26-19-2061						
7	(23.77) .936	(27.74) 1.092	26-19-2071						
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						
14	(51.51) 2.028	(55.47) 2.184	26-19-2141						
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						



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.



RECOMMENDED PCB HOLE DIMENSIONS

REVISE NOTE 2			QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
EC NO: UCP2012-1821		2011/11/29			2011/12/02		2012/02/02		2:1			METRIC		
DRAWN:MMSTROH		CHKD:MK/PPER			APPR:FSMITH		DRAWN BY		DATE			TITLE WAFER POL KK .156 FOR .045 ROUND PINS		
AD		REV			F7=0		4 PLACES		T. MOHON 1998/10/02					
					F7=0		3 PLACES		CHECKED BY				MOLEX MOLEX INCORPORATED	
					F7=0		2 PLACES		M. GOONEY 1998/10/02					
							1 PLACE		APPROVED BY					 MOLEX INCORPORATED
						ANGULAR ±1/2°		MWILHITE 1998/10/02						
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.	SHEET NO.			
								SEE CHART		SDAE-3190-N**		1 OF 2		
								SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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:MKIPER 2010/09/20 CHKD:SSOUSEK APPR:FSMITH 2011/02/11 AC	REV	DESCRIPTION	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 ANGULAR	mm	INCH	DRAWN BY M.GOONEY	DATE 2000/10/23	TITLE WAFER POLARIZING KK .156 (3.96)/.156,MOLDED FOR (1.14)/.045RD,PIN,W/VOID MOLEX INCORPORATED		
					± ---	± ---	CHECKED BY	DATE			
					± ---	± ---	E.FOLAN	2000/11/09			
					± ---	± ---	APPROVED BY	DATE			
					± ---	± ---	M.WILHITE	2000/11/09			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO. SDAE-3190-N**		SHEET NO. 2 OF 2					
		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							