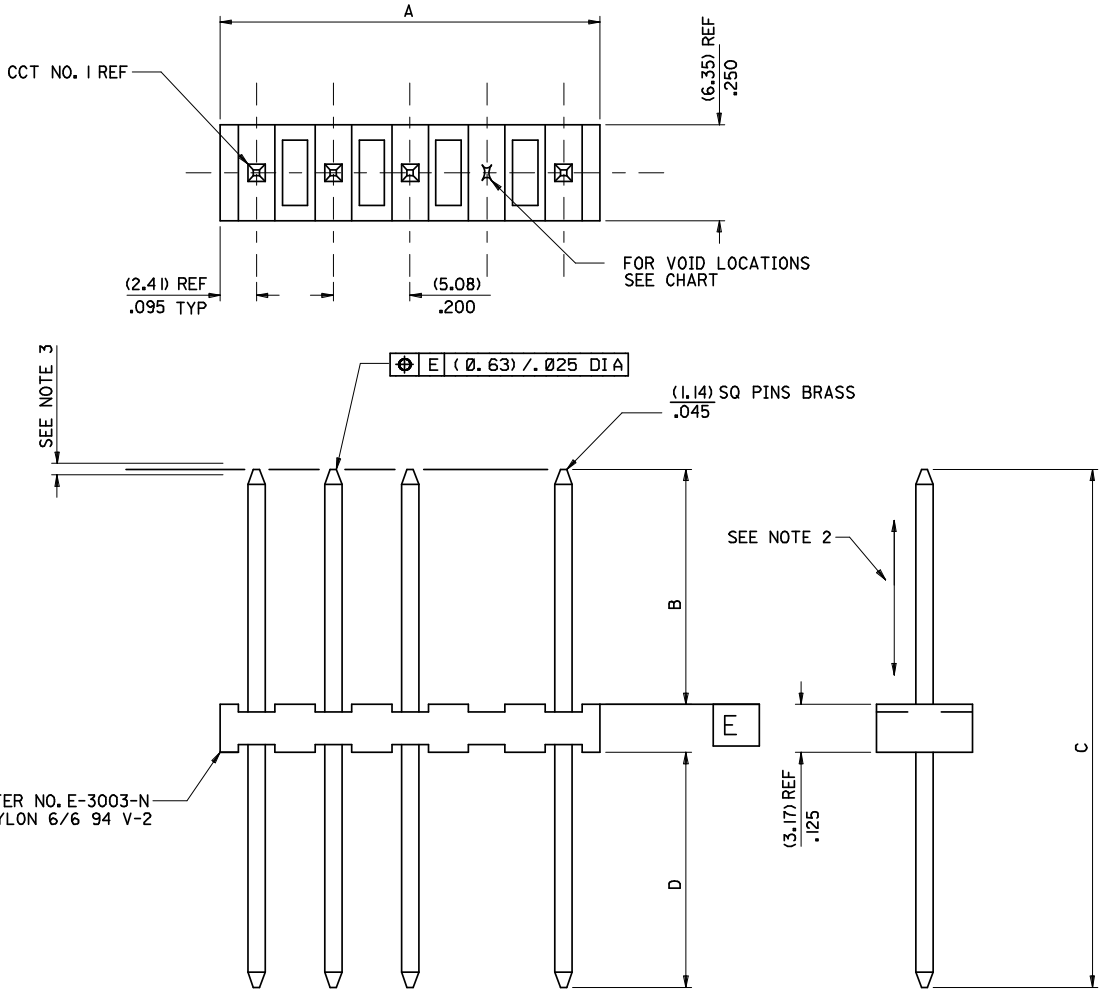
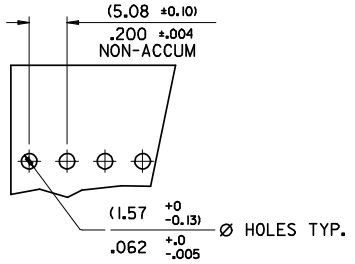


NOTES:
1. DIMENSIONS SHOWN ARE (MM)/IN.
2. PIN PUSH OUT FORCE 3lbs MIN
3. RELATIVE HEIGHT OF PINS MUST NOT VARY MORE THAN .005 T.I.R
4. PIN SOLDERABILITY PER MOLEX ENG STD NO. 152
5. CODE LETTER PRECEDING PART NO. DESIGNATES MANUFACTURE LOCATION, i.e. I = IRELAND
6. RECOMMENDED PCB THICKNESS 1.6MM
7. PRODUCT SPECIFICATION: PS-99020-0087



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

3008- N *-*

- BASE NO.
- NO. OF CCTS
- VERSION
  - A - FIRST VERSION
  - B - SECOND VERSION
  - VERSION FOLLOWED BY G - GOLD
- VOID LOCATION
  - 1 - CCT NO. 1
  - 2 - CCT NO. 2
  - 51- MULTIPLE VOIDS

DOC TYPE CHANGE	EC NO: E2008-0684	2008/06/24
DRWN:BRUTTLE		2008/07/03
CH'KD:	APPR:BMAGUIRE	2008/07/03
DESCRIPTION		
REV	AC	

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .016
1 PLACE	± 0.41	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DWASZKIEWICZ DATE: 2006/01/04
CHECKED BY: D MORIARTY DATE: 2006/01/12
APPROVED BY: J DENNEHY DATE: 2006/01/12

TITLE: WAFER FLAT, KK (5.08)/.2 CENTRES FOR (1.14)/.045 SQ PINS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDAE-3008-N*-*
SHEET NO.: 1 OF 4
SIZE: A2

	PIN PLATING : ELECTRO TIN PLATE .000300/.000200 OVER .000130/.000100 COPPER				PIN PLATING : ELECTRO TIN PLATE .000300/.000200 OVER .000130/.000100 COPPER				PIN PLATING : ELECTRO TIN PLATE .000300/.000200 OVER .000130/.000100 COPPER				PIN PLATING : ELECTRO TIN PLATE .000300/.000200 OVER .000130/.000100 COPPER				PIN PLATING : ELECTRO TIN PLATE .000300/.000200 OVER .000130/.000100 COPPER				PIN PLATING : ELECTRO TIN PLATE .000300/.000200 OVER .000130/.000100 COPPER			
	ASSY No.	AE-3008-NA*			ASSY No.	AE-3008-NB-*			ASSY No.	AE-3008-NC			ASSY No.	AE-3008-ND			ASSY No.	AE-3008-NE			ASSY No.	AE-3008-NF		
	PIN No.	2161-1(102)			PIN No.	2161-3(102)			PIN No.	2161-1(102)			PIN No.	2161-3(102)			PIN No.	2161-16(102)			PIN No.	216-4(102)		
	PIN LENGTH C	(19.0)/.75			PIN LENGTH C	(23.9)/.94			PIN LENGTH C	(19.1)/.75			PIN LENGTH C	(23.9)/.94			PIN LENGTH C	(25.40)/1.000			PIN LENGTH C	(12.7)/.500		
	PRESS DIM. B	(11.30)/.445 REF			PRESS DIM. B	(16.13)/.635 REF			PRESS DIM. B	(10.94±0.51)/.431±.020			PRESS DIM. B	(10.67±0.51)/.420±.020			PRESS DIM. B	(19.56±0.51)/.770±.020			PRESS DIM. B	(6.43)/.253 REF		
	DIM. D	(4.57±1.02)/.18±.04			DIM. D	(4.57±1.02)/.18±.04			DIM. D	(4.75)/.187 REF			DIM. D	(10.67)/.392 REF			DIM. D	(2.67)/.105 REF			DIM. D	(3.10±0.76)/.122±.030		
No. CCT	DIM. A	ENG. No.	PART No.	VOID LOC.	ENG. No.	PART No.	VOID LOC.	ENG. No.	PART No.	VOID LOC.	ENG. No.	PART No.	VOID LOC.	ENG. No.	PART No.	VOID LOC.	ENG. No.	PART No.	VOID LOC.	ENG. No.	PART No.	VOID LOC.
2	(9.91±0.15) (.390±.006)	AE-3008-2A	10-16-1021	NONE	AE-3008-2B	10-16-1022	NONE	AE-3008-2C	NOT TOOLED	NONE	AE-3008-2D	NOT TOOLED	NONE	AE-3008-2E	10-16-1025	NONE	AE-3008-2F	10-16-1026	NONE
3	(14.99±0.15) (.590±.006)	-3A	-1031		-3B	10-16-1032		-3C			-3D			-3E	-1035		-3F	-1036	
4	(20.06±0.18) (.790±.007)	-4A	-1041		-4B	10-16-1042		-4C			-4D			-4E	-1045		-4F	-1046	
5	(25.15±0.20) (.990±.008)	-5A	-1051		-5B	10-16-4051		-5C			-5D	NOT TOOLED		-5E	-1055		-5F	-1056	
6	(30.23±0.23) (1.190±.009)	-6A	-1061		-6B	10-16-1062		-6C			-6D	10-16-1064		-6E	-1065		-6F	-1066	
7	(35.31±0.25) (1.390±.010)	-7A	-1071		-7B	-1072		-7C			-7D	NOT TOOLED		-7E	-1075		-7F	-1076	
8	(40.39±0.30) (1.590±.012)	-8A	-1081		-8B	-1082		-8C			-8D	NOT TOOLED		-8E	-1085		-8F	-1086	
9	(45.47±0.30) (1.790±.012)	-9A	-1091		-9B	-1092		-9C			-9D	NOT TOOLED		-9E	-1095		-9F	-1096	
10	(50.55±0.30) (1.990±.012)	-10A	-1101		-10B	-1102		-10C			-10D	10-16-1104		-10E	-1105		-10F	-1106	
11	(55.63±0.33) (2.190±.013)	-11A	-1111		-11B	-1112		-11C			-11D	NOT TOOLED		-11E	-1115		-11F	-1116	
12	(60.71±0.36) (2.390±.014)	-12A	-1121		-12B	-1122		-12C			-12D			-12E	-1125		-12F	-1126	
13	(65.79±0.36) (2.590±.014)	-13A	-1131		-13B	-1132		-13C			-13D			-13E	-1135		-13F	-1136	
14	(70.87±0.36) (2.790±.014)	-14A	-1141		-14B	-1142		-14C			-14D			-14E	-1145		-14F	-1146	
15	(75.95±0.38) (2.990±.015)	-15A	-1151		-15B	-1152		-15C			-15D			-15E	-1155		-15F	-1156	
16	(81.03±0.41) (3.190±.016)	-16A	-1161		-16B	-1162		-16C			-16D			-16E	-1165		-16F	-1166	
17	(86.11±0.43) (3.390±.017)	-17A	-1171		-17B	-1172		-17C			-17D			-17E	-1175		-17F	-1176	
18	(91.19±0.46) (3.590±.018)	-18A	-1181		-18B	-1182		-18C			-18D			-18E	-1185		-18F	-1186	
19	(96.27±0.48) (3.790±.019)	-19A	-1191		-19B	-1192		-19C			-19D			-19E	-1195		-19F	-1196	
20	(101.35±0.51) (3.990±.020)	AE-3008-20A	10-16-1201	NONE	AE-3008-20B	10-16-1202	NONE	AE-3008-20C	NOT TOOLED	NONE	AE-3008-20D	NOT TOOLED	NONE	AE-3008-20E	10-16-1205	NONE	AE-3008-20F	10-16-1206	NONE
		FOR PARTS WITH VOIDS SEE BELOW			FOR PARTS WITH VOIDS SEE BELOW			FOR PARTS WITH VOIDS SEE BELOW			FOR PARTS WITH VOIDS SEE BELOW			FOR PARTS WITH VOIDS SEE BELOW			FOR PARTS WITH VOIDS SEE BELOW			FOR PARTS WITH VOIDS SEE BELOW		
		AE-3008-5A-51	38-00-2549	2&4	AE-3008-5B-51	NOT TOOLED	2&4																
		-7A-2	NOT TOOLED	2																			
		-11A-51	10-16-1118	5,7,9																			
		-11A-52	10-16-1119	6,8,10																			
	FOR DIM. A SEE ABOVE	-13A-51	NOT TOOLED	8,10,12																			
		AE-3008-14A-51	10-16-1148	2,4,6																			
		-4A-3	10-25-2043	3																			
		-3A-2	38-00-0076	2																			
		-7A-51	38-00-2550	2,4,6																			
		AE-3008-9A-51	38-00-2551	2,4,6,8																			
		AE-3008-12A-2	38-00-1546	2																			

Add EDP part number
EC NO: E2006-0629
DRWN:DWASZKIEWICZ 2006/02/23
CH'KD:D.MORIARTY 2006/02/27
APPR: J.DENNEHY 2006/03/03
DESCRIPTION

REV AA

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DWASZKIEWICZ DATE: 2005/12/22
CHECKED BY: D.MORIARTY DATE: 2006/01/12
APPROVED BY: J.DENNEHY DATE: 2006/01/12

TITLE: WAFER FLAT KK .200 C CENTRES FOR .045 SQ PIN

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDAE-3008-N*-*
SHEET NO.: 2 OF 4

SIZE A2