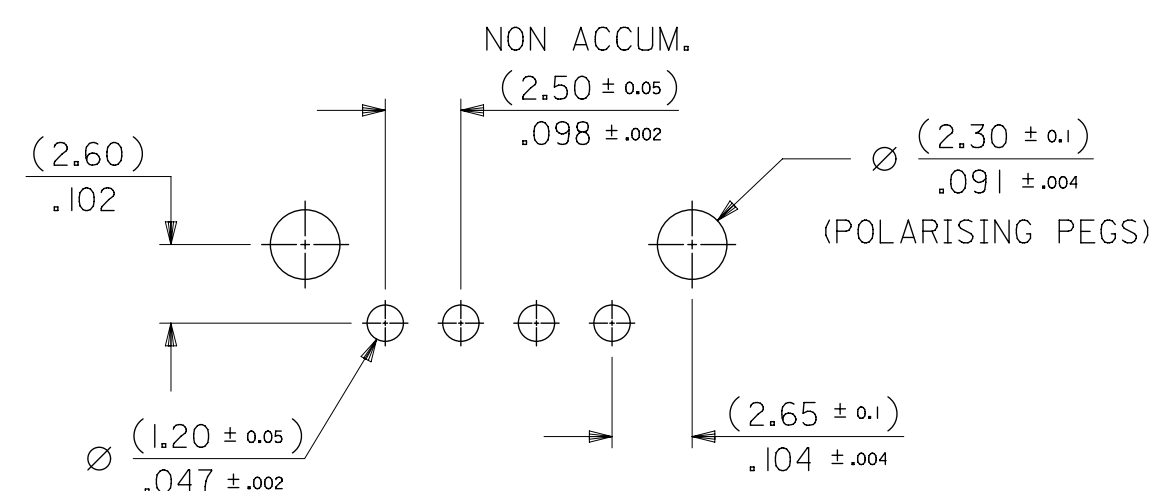


SECTION Z-Z



RECOMMENDED P.C.B. PIERCING VIEWED FROM COPPER SIDE.

CCT	DIM A	DIM B	DIM C
2	(2.50) / .098	(7.70) / .303	(9.70) / .382
3	(5.00) / .197	(10.20) / .402	(12.20) / .480
4	(7.50) / .295	(12.70) / .500	(14.70) / .579
5	(10.00) / .394	(15.20) / .598	(17.20) / .677
6	(12.50) / .492	(17.70) / .697	(19.70) / .776
7	(15.00) / .590	(20.20) / .795	(22.20) / .874
8	(17.50) / .689	(22.70) / .894	(24.70) / .972
9	(20.00) / .787	(25.20) / .992	(27.20) / 1.071
10	(22.50) / .886	(27.70) / 1.091	(29.70) / 1.169
11	(25.00) / .984	(30.20) / 1.189	(32.20) / 1.268
12	(27.50) / 1.083	(32.70) / 1.287	(34.70) / 1.366
13	(30.00) / 1.181	(35.20) / 1.386	(37.20) / 1.465
14	(32.50) / 1.279	(37.70) / 1.484	(39.70) / 1.563
15	(35.00) / 1.378	(40.20) / 1.583	(42.20) / 1.661
16	(37.50) / 1.476	(42.70) / 1.681	(44.70) / 1.759
17	(40.00) / 1.575	(45.20) / 1.779	(47.20) / 1.858
18	(42.50) / 1.673	(47.70) / 1.878	(49.70) / 1.957
19	(45.00) / 1.772	(50.20) / 1.976	(52.20) / 2.055
20	(47.50) / 1.870	(52.70) / 2.075	(54.70) / 2.154

NOTES:

- MATERIAL: POLYESTER, RATED 94V-0.
- FOR COLOUR & STYLE OPTIONS SEE INDEX ON SHEET 2.
- FOR OPTION PART Nos. SEE SHEET 3 & SUBSEQUENT SHEETS.
- ASSEMBLY MUST CONFORM TO MOLEX SOLDERABILITY SPEC. ES-152.
- KEY TO POLARIZING OPTIONS:-
 - "A" = WITHOUT POL. PEGS.
 - "B" = R.H. POL. PEG ONLY.
 - "C" = L.H. POL. PEG ONLY.
 - "D" = BOTH POL. PEGS.

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:	
MM/IN	4:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 620398	
4 PLACES	±	DRWN: AKUMAR19	2019/01/10
3 PLACES	±	CHK'D: GGA	2019/10/18
2 PLACES	± 0.15	APPR: GGA	2019/10/18
1 PLACE	± 0.2	INITIAL REVISION:	
0 PLACES	±	DRWN: GCH	1986/07/08
ANGULAR TOL	± 0.5°	APPR:	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
		C-SIZE	93611

DOCUMENT NUMBER: SDA-93611
DOC TYPE: PSD
DOC PART: 001
REVISION: A

MATERIAL NUMBER: SEE TABLE
CUSTOMER: SEE TABLE
SHEET NUMBER: 1 OF 6

INDEX TO HOUSING COLOURS AND PIN CONFIGURATION.

SHEET No.	HOUSING COLOUR	PIN CONFIGURATION	WITH MULTI-LOCK / WITHOUT MULTI-LOCK	
			WITH MULTI-LOCK	WITHOUT MULTI-LOCK
3	NATURAL	STRAIGHT	YES / YES	
4	BLACK	STRAIGHT	YES / YES	
5	GREEN	STRAIGHT	YES / YES	
6	RED	STRAIGHT	YES / YES	
7	BLUE	STRAIGHT	YES / YES	

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
MM/IN		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620398				SHROUDED WAFER ASSEMBLY (2.50) / .098 PITCH WITH STAMPED PIN	
				DRWN: AKUMAR19 2019/01/10					
4 PLACES ±				CHK'D: GGA 2019/10/18				PRODUCT CUSTOMER DRAWING	
3 PLACES ± 0.006				APPR: GGA 2019/10/18					
2 PLACES ± 0.15 ± 0.008				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.2 ±				DRWN: GCH 1986/07/08					
0 PLACES ±				APPR:				SDA-93611	
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING		DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE		PSD	
				SERIES		MATERIAL NUMBER		DOC PART	
				93611		SEE TABLE		001	
						CUSTOMER		REVISION	
								A	
								SHEET NUMBER	
								2 OF 6	

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/18 07:52:38
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CCT SIZE	POL. STYLE	NATURAL, MULTI-LOCK STRAIGHT		NATURAL, WITHOUT LOCK STRAIGHT		CCT SIZE	POL. STYLE	NATURAL, MULTI-LOCK STRAIGHT		NATURAL, WITHOUT LOCK STRAIGHT	
		PART No.	TOOLING	PART No.	TOOLING			PART No.	TOOLING	PART No.	TOOLING
2	A	93611-0020	TOOLED	93611-0074	TOOLED	12	A	93611-0436	TOOLED	93611-0496	TOOLED
	B	///		-0075			B	-0437		-0497	
	C	-0022		-0076			C	-0438		-0498	
	D	///		-0077			D	-0439		-0499	
3	A	-0024		-0078		13	A	-0440		-0500	
	B	-0025		-0079			B	-0441		-0501	
	C	-0026		-0080			C	-0442		-0502	
	D	///		-0081			D	-0443		-0503	
4	A	-0028		-0082		14	A	-0444		-0504	
	B	-0029		-0083			B	-0445		-0505	
	C	-0030		-0084			C	-0446		-0506	
	D	-0031		-0085			D	-0447		-0507	
5	A	-0032		-0086		15	A	-0448		-0508	
	B	-0033		-0087			B	-0449		-0509	
	C	///		-0088			C	-0450		-0510	
	D	-0035		-0089			D	-0451		-0511	
6	A	///		-0090		16	A	-0452		-0512	
	B	-0037		-0091			B	-0453		-0513	
	C	///		-0092			C	-0454		-0514	
	D	-0039		-0093			D	-0455		-0515	
7	A	-0040		-0094		17	A	-0456		-0516	
	B	-0041		-0095			B	-0457		-0517	
	C	-0042		-0096			C	-0458		-0518	
	D	///		-0097			D	-0459		-0519	
8	A	-0044		-0098		18	A	-0460		-0520	
	B	///		-0099			B	-0461		-0521	
	C	-0046		-0100			C	-0462		-0522	
	D	///		-0101			D	-0463		-0523	
9	A	-0048		-0102		19	A	-0464		-0524	
	B	-0049		-0103			B	-0465		-0525	
	C	-0050		-0104			C	-0466		-0526	
	D	-0051		-0105			D	-0467		-0527	
10	A	-0052		-0106		20	A	-0468		-0528	
	B	-0053		-0107			B	-0469		-0529	
	C	-0054		-0108			C	-0470		-0530	
	D	-0055		-0109			D	93611-0471	TOOLED	93611-0531	TOOLED
11	A	-0432		-0492							
	B	-0433		-0493							
	C	-0434		-0494							
	D	93611-0435	TOOLED	93611-0495	TOOLED						

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex
MM/IN	1:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 620398	2019/01/10	SHROUDED WAFER ASSEMBLY (2.50) / .098 PITCH WITH STAMPED PIN
4 PLACES	±	DRWN: AKUMAR19	2019/10/18	
3 PLACES	±	CHK'D: GGA	2019/10/18	
2 PLACES	± 0.15	APPR: GGA	2019/10/18	PRODUCT CUSTOMER DRAWING
1 PLACE	± 0.2	INITIAL REVISION:		DOCUMENT NUMBER
0 PLACES	±	DRWN: GCH	1986/07/08	SDA-93611
ANGULAR TOL	± 0.5 °	APPR:		DOC TYPE
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOC PART
		C-SIZE	93611	REVISION
				PSD 001 A
				MATERIAL NUMBER
				SEE TABLE
				CUSTOMER
				SHEET NUMBER
				3 OF 6

CCT SIZE	POL. STYLE	BLACK, MULTI-LOCK STRAIGHT		BLACK, WITHOUT LOCK STRAIGHT		CCT SIZE	POL. STYLE	BLACK, MULTI-LOCK STRAIGHT		BLACK, WITHOUT LOCK STRAIGHT	
		PART No.	TOOLING	PART No.	TOOLING			PART No.	TOOLING	PART No.	TOOLING
2	A	93611-0128	TOOLED	93611-0183	TOOLED	12	A	93611-0556	TOOLED	93611-0616	TOOLED
	B	-0129		-0184			B	-0557		-0617	
	C	-0130		-0185			C	-0558		-0618	
	D	-0131		-0186			D	-0559		-0619	
3	A	-0132		-0187		13	A	-0560		-0620	
	B	-0133		-0188			B	-0561		-0621	
	C	-0134		-0189			C	-0562		-0622	
	D	-0135		-0190			D	-0563		-0623	
4	A	-0137		-0191		14	A	-0564		-0624	
	B	-0138		-0192			B	-0565		-0625	
	C	-0139		-0193			C	-0566		-0626	
	D	-0140		-0194			D	-0567		-0627	
5	A	-0141		-0195		15	A	-0568		-0628	
	B	-0142		-0196			B	-0569		-0629	
	C	-0143		-0197			C	-0570		-0630	
	D	-0144		-0198			D	-0571		-0631	
6	A	-0145		-0199		16	A	-0572		-0632	
	B	-0146		-0200			B	-0573		-0633	
	C	-0147		-0201			C	-0574		-0634	
	D	-0148		-0202			D	-0575		-0635	
7	A	-0149		-0203		17	A	-0576		-0636	
	B	-0150		-0204			B	-0577		-0637	
	C	-0151		-0205			C	-0578		-0638	
	D	-0152		-0206			D	-0579		-0639	
8	A	-0153		-0207		18	A	-0580		-0640	
	B	-0154		-0208			B	-0581		-0641	
	C	-0155		-0209			C	-0582		-0642	
	D	-0156		-0210			D	-0583		-0643	
9	A	-0157		-0211		19	A	-0584		-0644	
	B	-0158		-0212			B	-0585		-0645	
	C	-0159		-0213			C	-0586		-0646	
	D	-0160		-0214			D	-0587		-0647	
10	A	-0161		-0215		20	A	-0588		-0648	
	B	-0162		-0216			B	-0589		-0649	
	C	-0163		-0217			C	-0590		-0650	
	D	-0164		-0218			D	93611-0591	TOOLED	93611-0651	TOOLED
11	A	-0552		-0612							
	B	-0553		-0613							
	C	-0554		-0614							
	D	93611-0555	TOOLED	93611-0615	TOOLED						

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
MM/IN		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620398				SHROUDED WAFER ASSEMBLY (2.50) / .098 PITCH WITH STAMPED PIN	
		MM	INCH	DRWN: AKUMAR19		2019/01/10			
4 PLACES		±	±	CHK'D: GGA		2019/10/18			
3 PLACES		±	± 0.006	APPR: GGA		2019/10/18		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.15	± 0.008	INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE		± 0.2	±	DRWN: GCH				SDA-93611	
0 PLACES		±	±	APPR:				DOC TYPE	
ANGULAR TOL		± 0.5 °		1986/07/08				DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
				C-SIZE		93611		A	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
SEE TABLE				4 OF 6					

CCT SIZE	POL. STYLE	GREEN, MULTI-LOCK STRAIGHT		GREEN, WITHOUT LOCK STRAIGHT		CCT SIZE	POL. STYLE	GREEN, MULTI-LOCK STRAIGHT		GREEN, WITHOUT LOCK STRAIGHT	
		PART No.	TOOLING	PART No.	TOOLING			PART No.	TOOLING	PART No.	TOOLING
2	A	93611-0246	TOOLED	93611-0300	TOOLED	12	A	93611-0676	TOOLED	93611-0736	TOOLED
	B	-0247		-0301			B	-0677		-0737	
	C	-0248		-0302			C	-0678		-0738	
	D	-0249		-0303			D	-0679		-0739	
3	A	-0250		-0304		13	A	-0680		-0740	
	B	-0251		-0305			B	-0681		-0741	
	C	-0252		-0306			C	-0682		-0742	
	D	-0253		-0307			D	-0683		-0743	
4	A	-0254		-0308		14	A	-0684		-0744	
	B	-0255		-0309			B	-0685		-0745	
	C	-0256		-0310			C	-0686		-0746	
	D	-0257		-0311			D	-0687		-0747	
5	A	-0258		-0312		15	A	-0688		-0748	
	B	-0259		-0313			B	-0689		-0749	
	C	-0260		-0314			C	-0690		-0750	
	D	-0261		-0315			D	-0691		-0751	
6	A	-0262		-0316		16	A	-0692		-0752	
	B	-0263		-0317			B	-0693		-0753	
	C	-0264		-0318			C	-0694		-0754	
	D	-0265		-0319			D	-0695		-0755	
7	A	-0266		-0320		17	A	-0696		-0756	
	B	-0267		-0321			B	-0697		-0757	
	C	-0268		-0322			C	-0698		-0758	
	D	-0269		-0323			D	-0699		-0759	
8	A	-0270		-0324		18	A	-0700		-0760	
	B	-0271		-0325			B	-0701		-0761	
	C	-0272		-0326			C	-0702		-0762	
	D	-0273		-0327			D	-0703		-0763	
9	A	-0274		-0328		19	A	-0704		-0764	
	B	-0275		-0329			B	-0705		-0765	
	C	-0276		-0330			C	-0706		-0766	
	D	-0277		-0331			D	-0707		-0767	
10	A	-0278		-0332		20	A	-0708		-0768	
	B	-0279		-0333			B	-0709		-0769	
	C	-0280		-0334			C	-0710		-0770	
	D	-0281		-0335			D	93611-0711	TOOLED	93611-0771	TOOLED
11	A	-0672		-0732							
	B	-0673		-0733							
	C	-0674		-0734							
	D	93611-0675	TOOLED	93611-0735	TOOLED						

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex
MM/IN	1:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 620398		
4 PLACES	±	DRWN: AKUMAR19	2019/01/10	
3 PLACES	±	CHK'D: GGA	2019/10/18	
2 PLACES	± 0.15	APPR: GGA	2019/10/18	
1 PLACE	± 0.2	INITIAL REVISION:		
0 PLACES	±	DRWN: GCH	1986/07/08	
ANGULAR TOL	± 0.5 °	APPR:		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER
		C-SIZE	93611	SDA-93611
				DOC TYPE
				PSD
				DOC PART
				001
				REVISION
				A
				MATERIAL NUMBER
				SEE TABLE
				CUSTOMER
				SHEET NUMBER
				5 OF 6

CCT SIZE	POL. STYLE	RED, MULTI-LOCK STRAIGHT		RED, WITHOUT LOCK STRAIGHT		CCT SIZE	POL. STYLE	RED, MULTI-LOCK STRAIGHT		RED, WITHOUT LOCK STRAIGHT	
		PART No.	TOOLING	PART No.	TOOLING			PART No.	TOOLING	PART No.	TOOLING
2	A	93611-0948	TOOLED	93611-1024	TOOLED	12	A	93611-0988	TOOLED	93611-1064	TOOLED
	B	-0949		-1025			B	-0989		-1065	
	C	-0950		-1026			C	-0990		-1066	
	D	-0951		-1027			D	-0991		-1067	
3	A	-0952		-1028		13	A	-0992		-1068	
	B	-0953		-1029			B	-0993		-1069	
	C	-0954		-1030			C	-0994		-1070	
	D	-0955		-1031			D	-0995		-1071	
4	A	-0956		-1032		14	A	-0996		-1072	
	B	-0957		-1033			B	-0997		-1073	
	C	-0958		-1034			C	-0998		-1074	
	D	-0959		-1035			D	-0999		-1075	
5	A	-0960		-1036		15	A	-1000		-1076	
	B	-0961		-1037			B	-1001		-1077	
	C	-0962		-1038			C	-1002		-1078	
	D	-0963		-1039			D	-1003		-1079	
6	A	-0964		-1040		16	A	-1004		-1080	
	B	-0965		-1041			B	-1005		-1081	
	C	-0966		-1042			C	-1006		-1082	
	D	-0967		-1043			D	-1007		-1083	
7	A	-0968		-1044		17	A	-1008		-1084	
	B	-0969		-1045			B	-1009		-1085	
	C	-0970		-1046			C	-1010		-1086	
	D	-0971		-1047			D	-1011		-1087	
8	A	-0972		-1048		18	A	-1012		-1088	
	B	-0973		-1049			B	-1013		-1089	
	C	-0974		-1050			C	-1014		-1090	
	D	-0975		-1051			D	-1015		-1091	
9	A	-0976		-1052		19	A	-1016		-1092	
	B	-0977		-1053			B	-1017		-1093	
	C	-0978		-1054			C	-1018		-1094	
	D	-0979		-1055			D	-1019		-1095	
10	A	-0980		-1056		20	A	-1020		-1096	
	B	-0981		-1057			B	-1021		-1097	
	C	-0982		-1058			C	-1022		-1098	
	D	-0983		-1059			D	93611-1023	TOOLED	93611-1099	TOOLED
11	A	-0984		-1060							
	B	-0985		-1061							
	C	-0986		-1062							
	D	93611-0987	TOOLED	93611-1063	TOOLED						

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
MM/IN		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620398				SHROUDED WAFER ASSEMBLY (2.50) / .098 PITCH WITH STAMPED PIN	
		MM	INCH	DRWN: AKUMAR19		2019/01/10			
4 PLACES		±	±	CHK'D: GGA		2019/10/18		PRODUCT CUSTOMER DRAWING	
3 PLACES		±	± 0.006	APPR: GGA		2019/10/18			
2 PLACES		± 0.15	± 0.008	INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE		± 0.2	±	DRWN: GCH				SDA-93611	
0 PLACES		±	±	APPR:				PSD 001 A	
ANGULAR TOL		± 0.5 °		THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE		93611	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		SEE TABLE			
				6 OF 6					