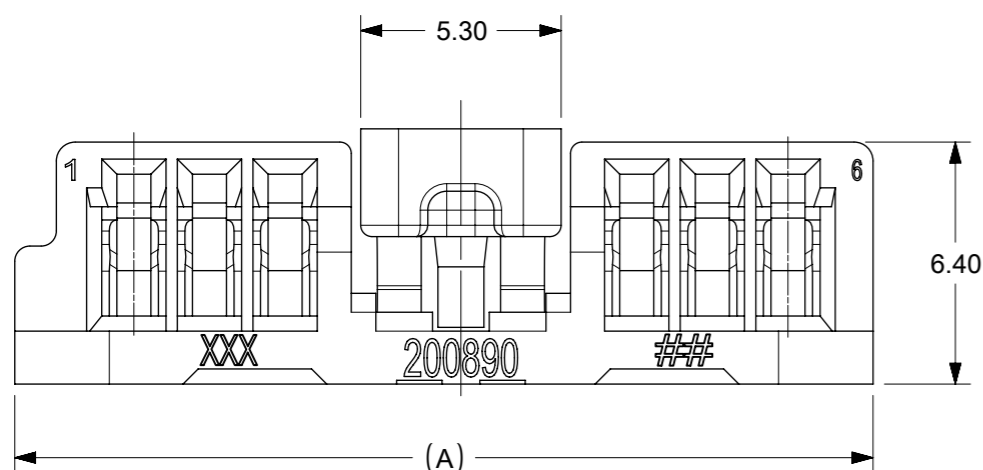

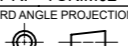


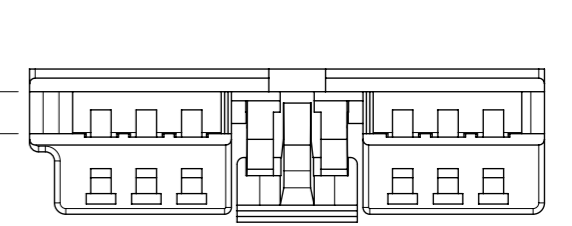
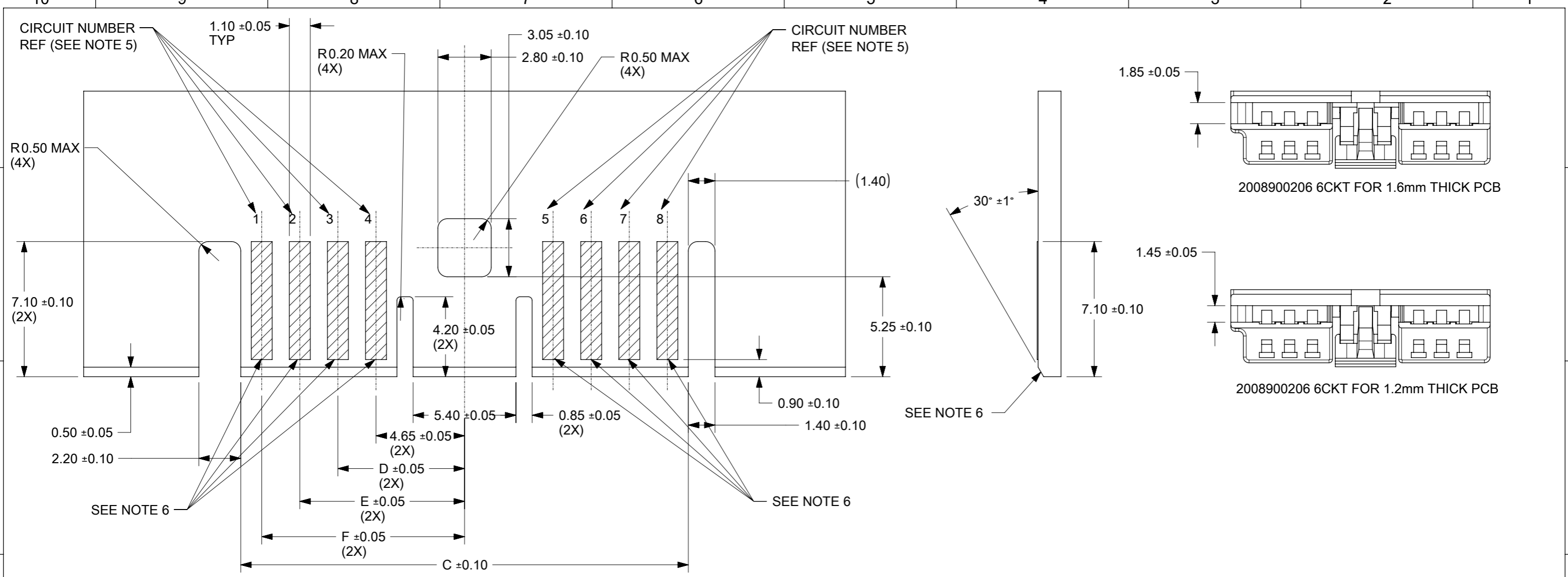
**TERMINAL-HOUSING AND PCB  
AS ASSEMBLED**

**NOTES:**

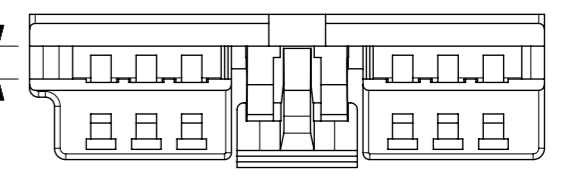
1. MATERIAL :HALOGEN FREE, NYLON, UL-94 V-0, NATURAL COLOR
2. PRODUCT SPECIFICATION: 2008900001PS
3. PACKAGING SPECIFICATION: 2008900001PK.
4. PART CONFORMS THE CLASS B REQUIREMENT OF THE MOLEX COSMETIC SPEC PS-45499-002
5. PARTS MATES WITH CRIMP TERMINAL 2004490001



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: OBSOLETE PART NUMBERS AS PER PCN#509988							
mm	5:1	 EDGELock HOUSING							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 0.5°	EC NO: 704776 DRWN: SKANDB 2022/03/31 CHK'D: GGA 2022/05/24 APPR: GGA 2022/05/24							
4 PLACES	±	INITIAL REVISION: DRWN: RMV02 2015/11/18 APPR: YSKIM02 2017/10/23							
3 PLACES	±								
2 PLACES	± 0.25	DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
1 PLACE	± 0.38	2008900206		PSD		000		A1	
0 PLACES	±	MATERIAL NUMBER		CUSTOMER		SEE TABLE		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		200890		1 OF 2	



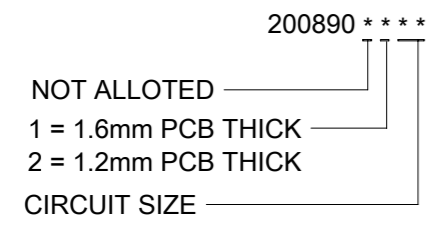
2008900206 6CKT FOR 1.6mm THICK PCB



2008900206 6CKT FOR 1.2mm THICK PCB

### PCB LAYOUT CONTACT SIDE

**LEGEND:**



MATERIAL NUMBER	DESCRIPTION	A	B	C	D	E	F
2008900102	EDGELOCK 2-CKT HSG FOR 1.6mm THICK PCB	14.70	11.80	11.50	--	--	--
2008900104	EDGELOCK 4-CKT HSG FOR 1.6mm THICK PCB	18.70	15.80	15.50	6.65	--	--
2008900106	EDGELOCK 6-CKT HSG FOR 1.6mm THICK PCB	22.70	19.80	19.50	6.65	8.65	--
2008900108	EDGELOCK 8-CKT HSG FOR 1.6mm THICK PCB	26.70	23.80	23.50	6.65	8.65	10.65

- NOTES:**
- MATERIAL: EPOXY FR4.
  - PCB THICKNESS: 1.20 +/-0.12mm AND 1.60 +/-0.16mm (INCLUDING PAD THICKNESS).
  - MOLEX STRONGLY RECOMMENDS TO PLATE MATING AREAS WITH TIN PLATING-HALT PROCESS TO MEET THE SPECIFIED DURABILITY CYCLE AND CONTACT RESISTANCE.
  - MOLEX RECOMMENDS THAT THE ENTRY ZONE AND MATING ZONE ON THE PCB SHOULD BE SMOOTH, EVEN & FREE FROM BURR, SHARP EDGES & THE MATING ZONE SHOULD BE FREE FROM FLUX.
    - I> TO ENSURE SAFE TERMINAL ENTRY IN TO THE PCB..
    - II> TO AVOID TERMINAL PLATING PEEL-OFF.
    - III> TO ENSURE PROPER ELECTRICAL CONTACT
  - CIRCUIT REF NUMBER WILL BE NUMBERED FROM LEFT PAD TO RIGHT PAD.
  - THE TIE-BAR FOR THE TRACES SHOULD BE OFFSET TO THE RIGHT OR LEFT OF THE CENTERLINE OF THE PAD. TRY AND KEEP IT COMPLETELY OUT OF THE CONTACT ZONE TO HAVE SMOOTH TERMINAL ENTRY.
  - PCB DIMENSIONS SHALL BE CONTROLLED AT Cpk=1

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DIMENSION UNITS <b>mm</b>	SCALE <b>5:1</b>	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#509988	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 704776			
ANGULAR TOL ± 0.5°	4 PLACES ±	DRWN: SKANDB 2022/03/31	PRODUCT CUSTOMER DRAWING		
3 PLACES ±	3 PLACES ±	CHK'D: GGA 2022/05/24	DOCUMENT NUMBER		
2 PLACES ± 0.25	2 PLACES ±	APPR: GGA 2022/05/24	2008900206		DOC TYPE DOC PART REVISION
1 PLACE ± 0.38	1 PLACE ±	INITIAL REVISION:	2015/11/18		PSD 000 A1
0 PLACES ±	0 PLACES ±	DRWN: RMV02 2017/10/23	2017/10/23		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	200890	SEE TABLE	SHEET NUMBER
					2 OF 2