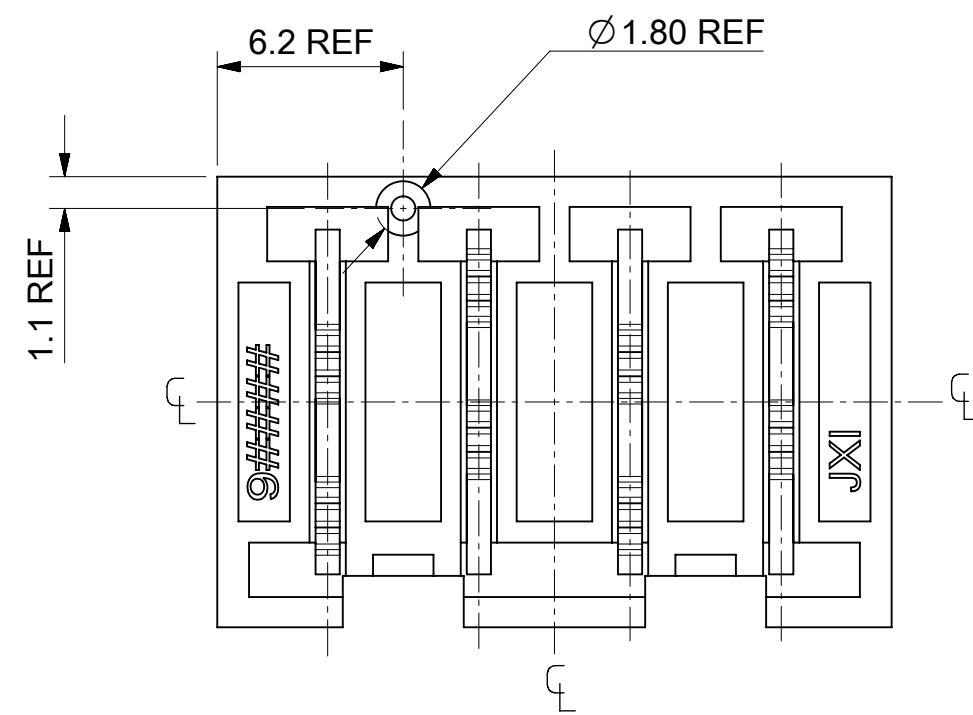
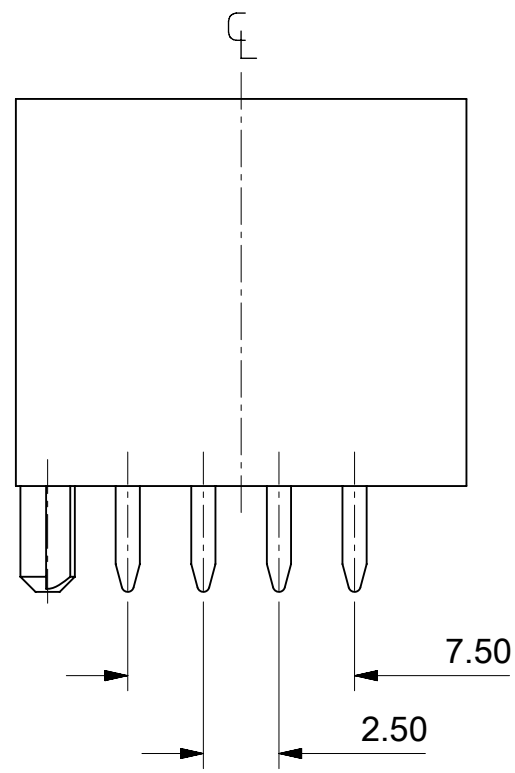
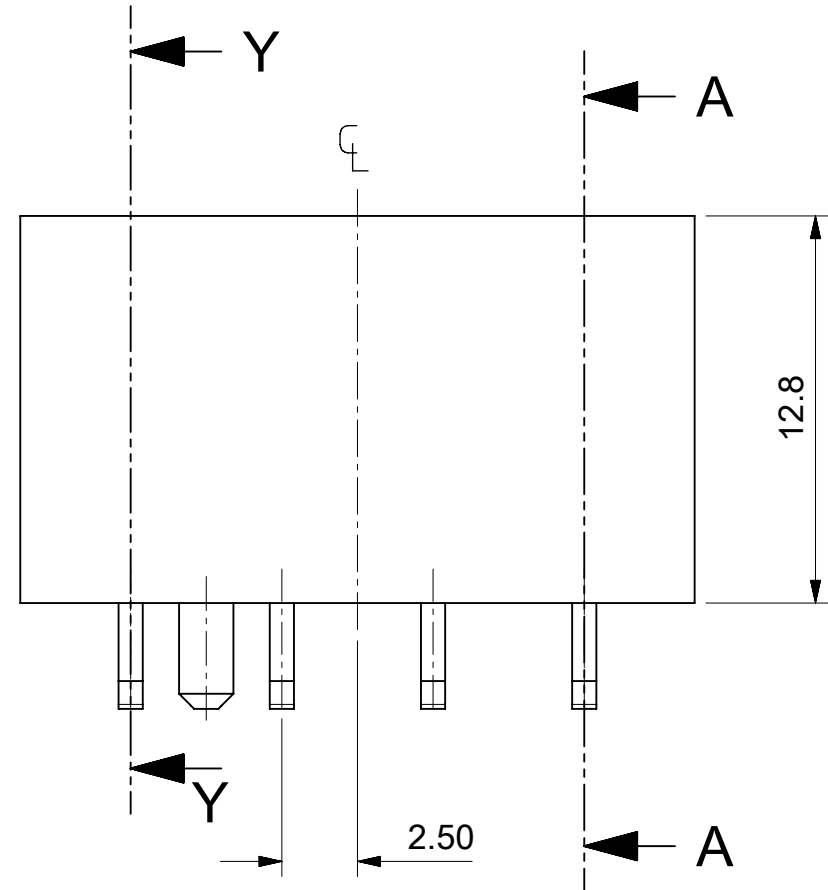
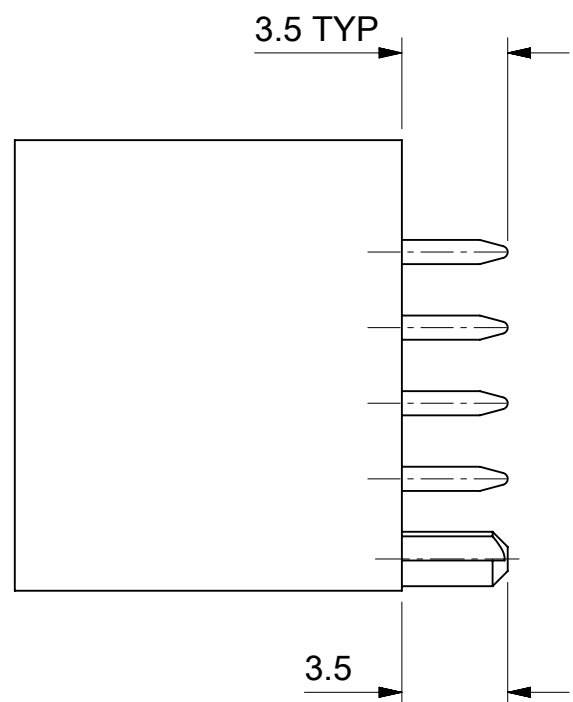
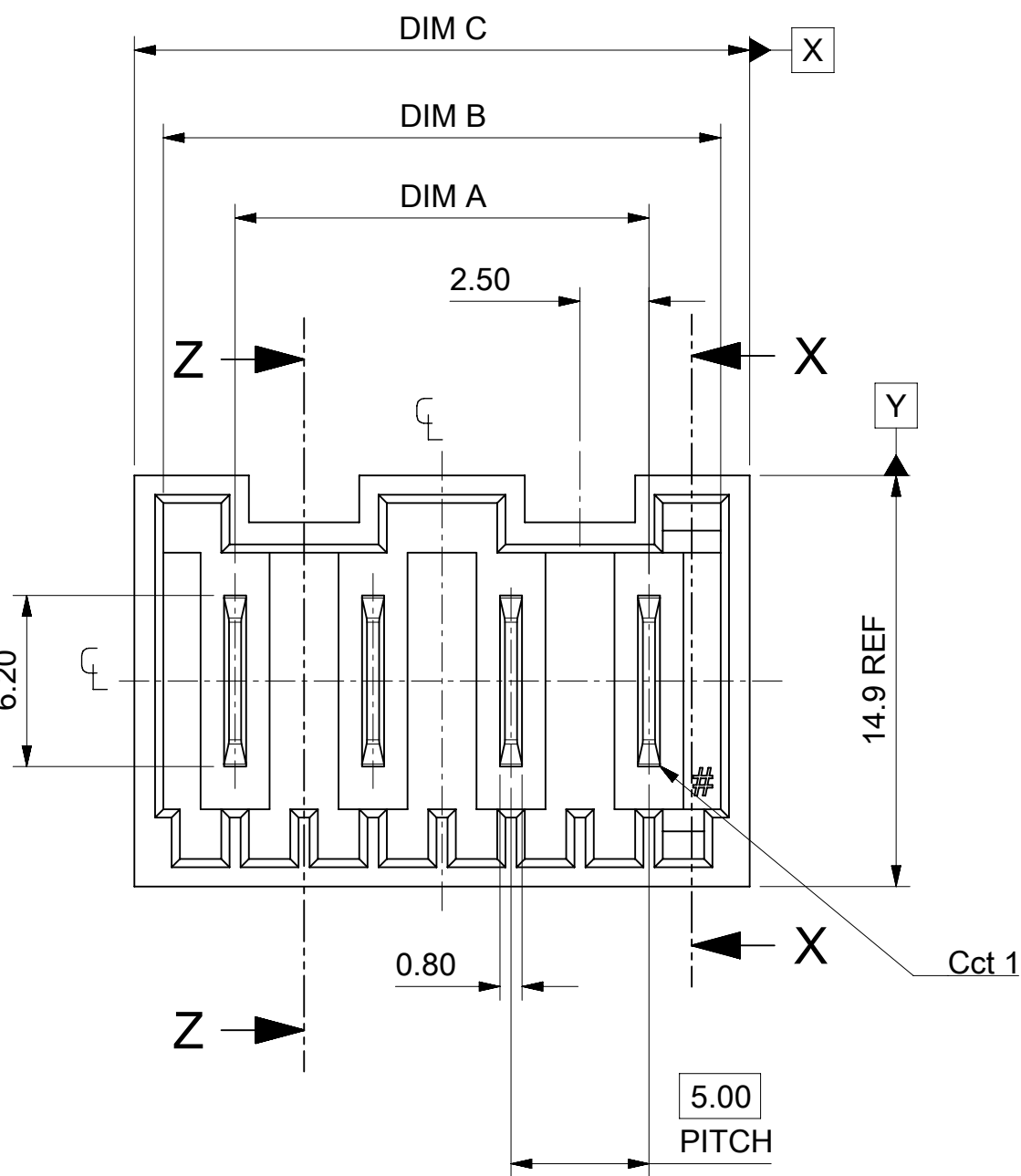
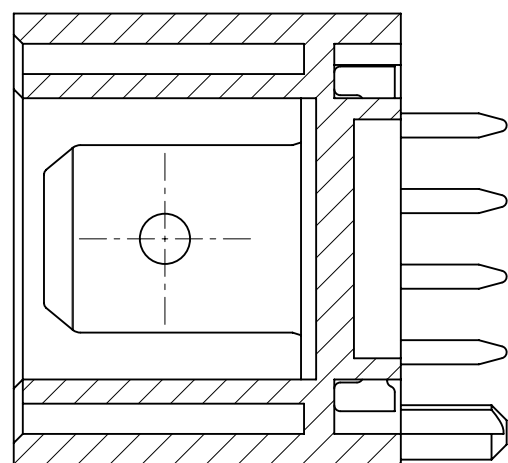
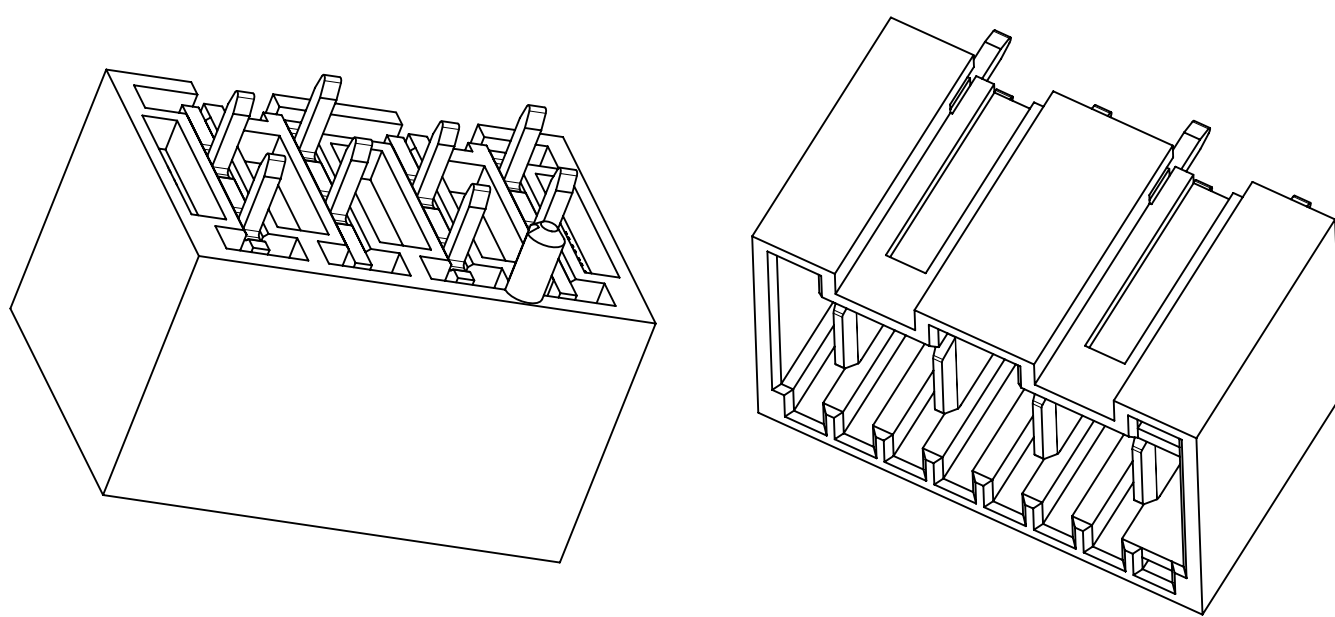




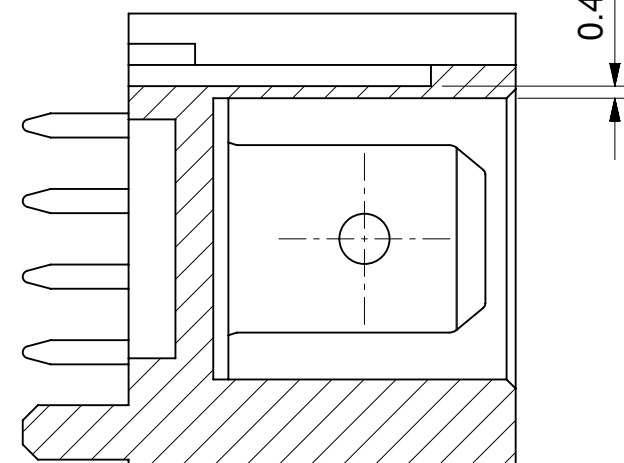
- NOTES:
1. MATERIALS
HOUSING: PA 66 25%GF UL94 V-0 750°C GWT NO FLAME
COLOUR : SEE CHARTS
TERMINAL: BRASS 0.80REF. THICK
PLATING: OPTIONAL (SEE CHARTS)
TIN PLATING OPTION: 3µm TIN OVER
1.27µm MIN NICKEL ALL AREAS
SELECTIVE SILVER
CONTACT AREA: 2µm MIN SILVER OVER 1.27µm
NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm
 2. PRODUCT CONFORMS TO SPECIFICATION RPS-93229-001
 3. MATES WITH MOLEX 91338, 90833, 90835, 91777, 91778, 91779, 91886, 91954 & 92000.
 4. SEE PACKAGING SPECIFICATION PK-90858-001
TWO PACKAGING OPTIONS
"A" LOOSE IN POLYBAGS IN SHIPPING CARTON
"B" IN TUBES IN SHIPPING CARTON
"C" IN TRAY PACKAGING
SEE TABLES ON FOLLOWING SHEETS FOR PACKAGING TYPE FOR EACH PART NUMBER
 5. PLATED THRU HOLE
 6. NON-PLATED THRU HOLE
 7. RECOMMENDED PCB THICKNESS: 1.4±0.1mm
 8. PCB VIEW IS FROM SOLDER SIDE
 9. POTTING SOLUTION UP TO 6 MM MAX FROM PCB

CCT	DIM A	DIM B	DIM C	TOL
2	5.00	10.20	12.30	+/-0.30
3	10.00	15.20	17.30	
4	15.00	20.20	22.30	
5	20.00	25.20	27.30	
6	25.00	30.20	32.30	
7	30.00	35.20	37.30	
8	35.00	40.20	42.30	

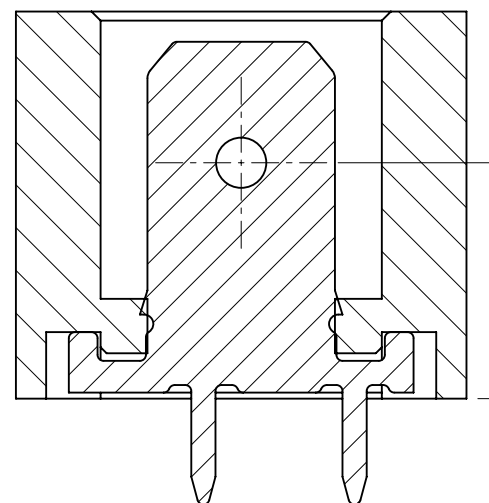
PCB POLARISATION OPTION A



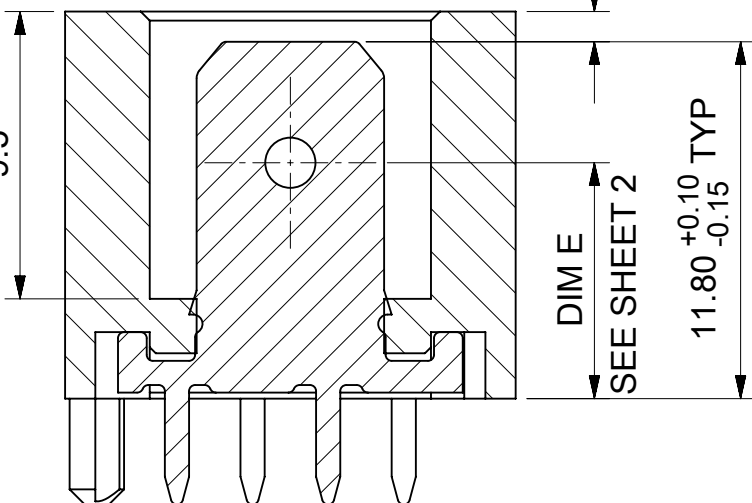
SECTION X-X



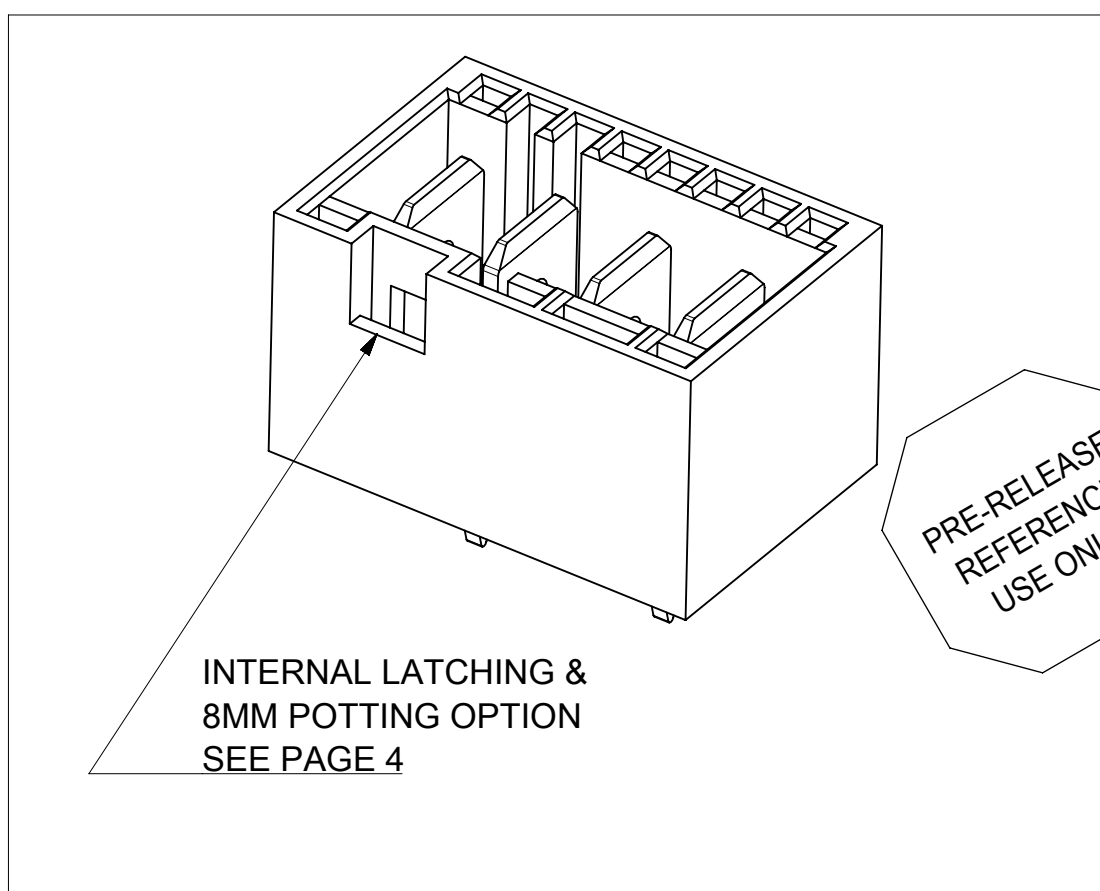
SECTION Z-Z



SECTION Y-Y



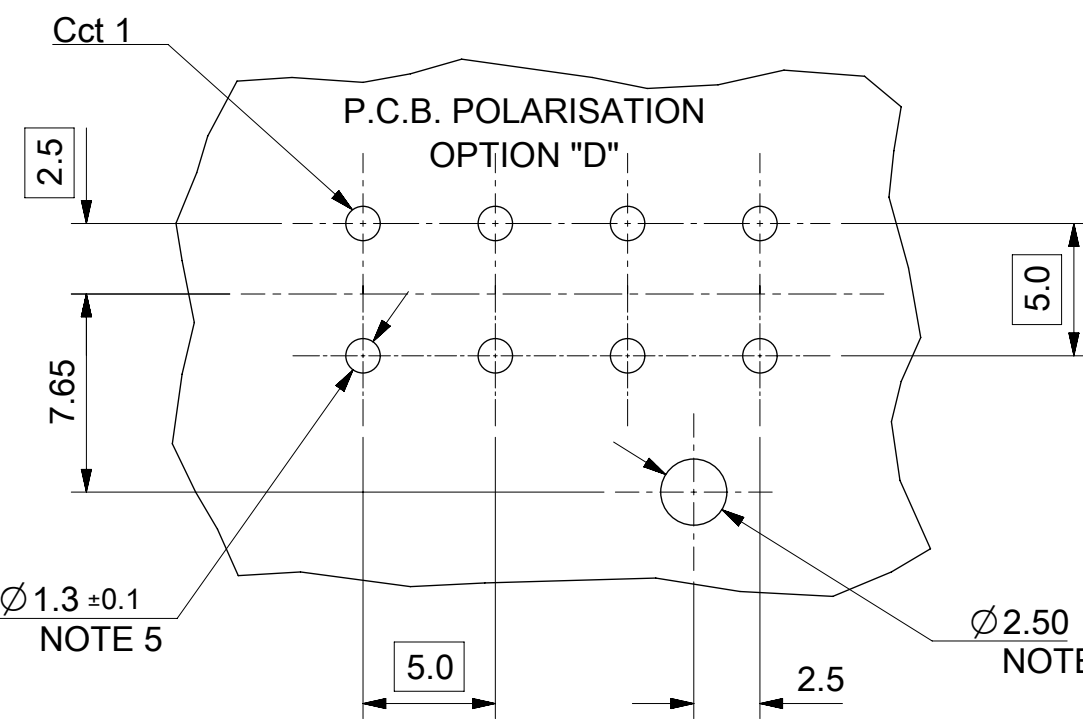
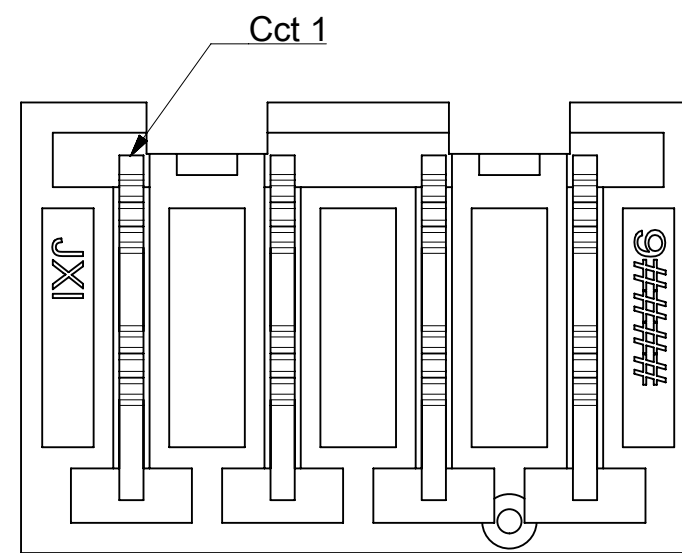
SECTION A-A



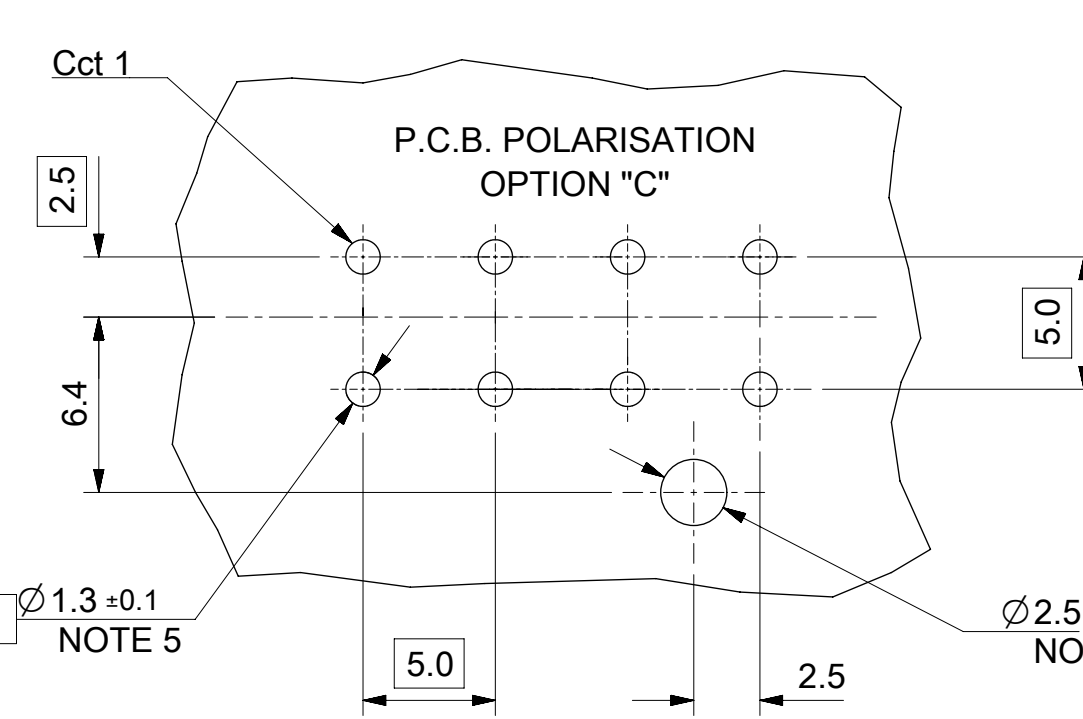
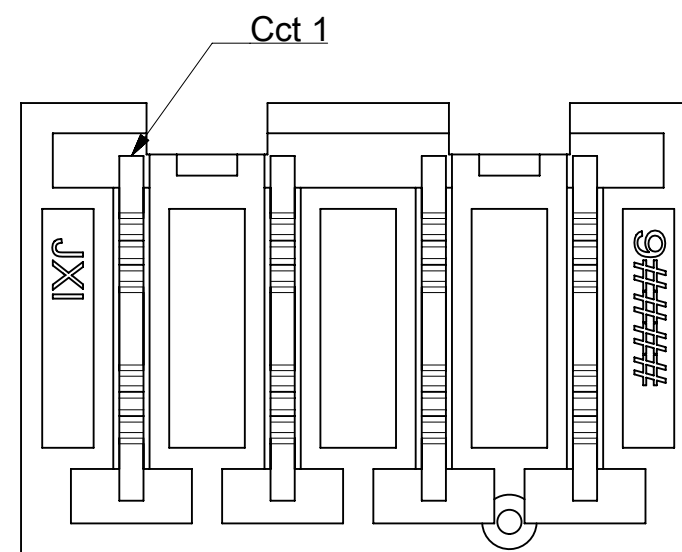
INTERNAL LATCHING &
8MM POTTING OPTION
SEE PAGE 4

PRE-RELEASE
REFERENCE
USE ONLY

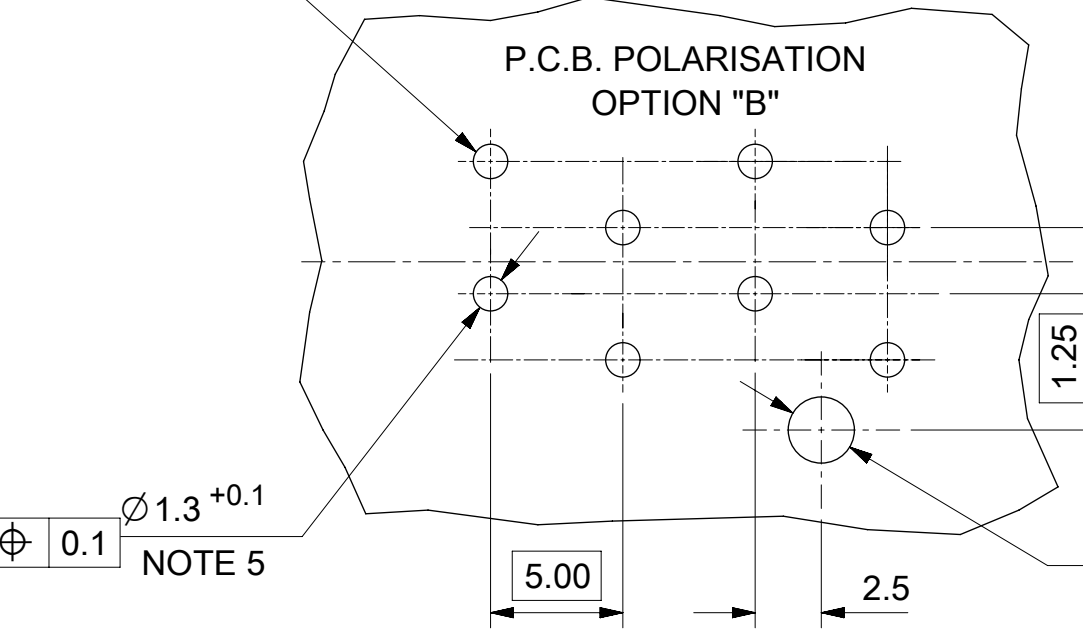
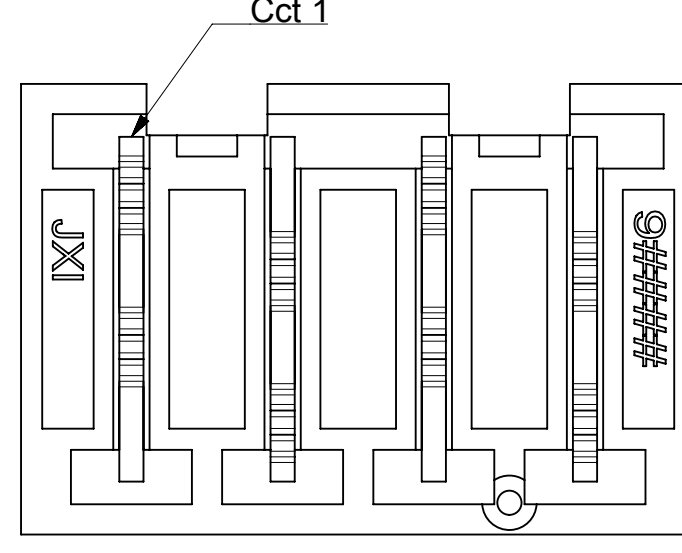
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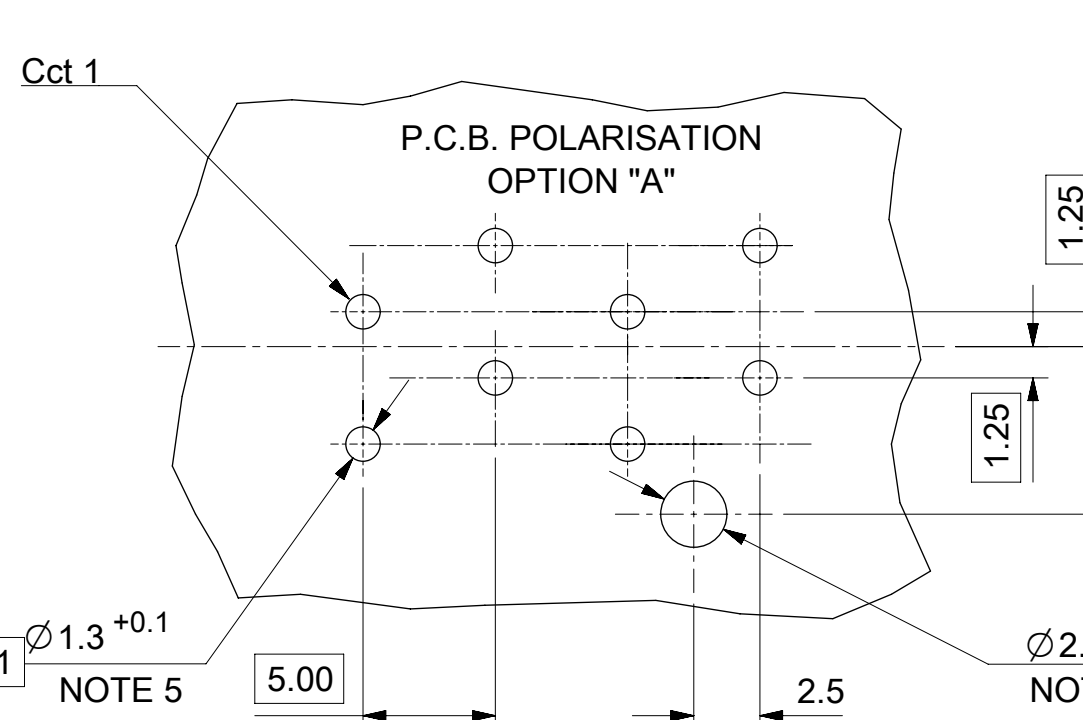
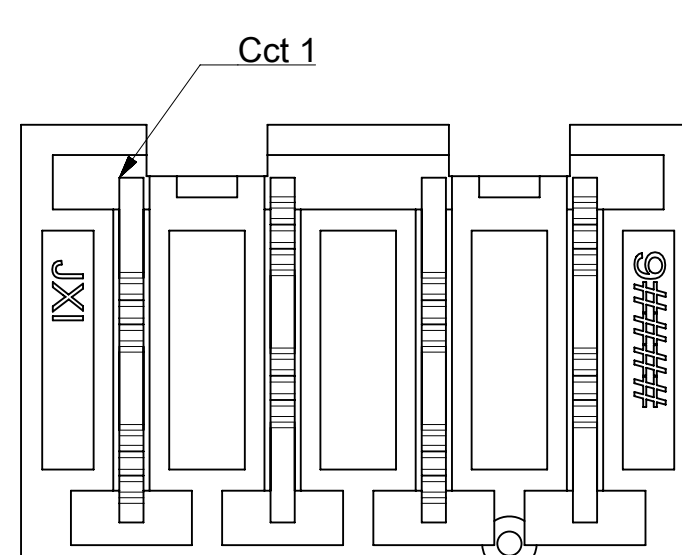
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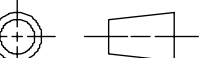
OPTION "B"



OPTION "A"

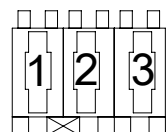
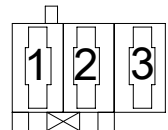
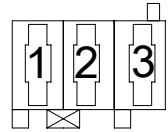
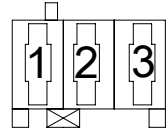
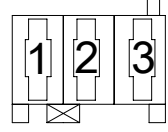
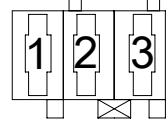
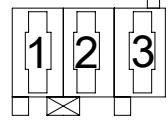
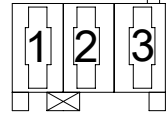
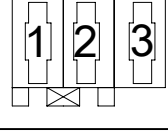
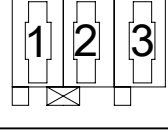
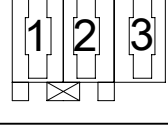
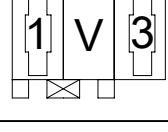
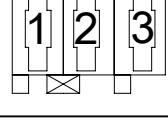
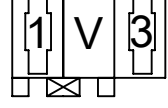


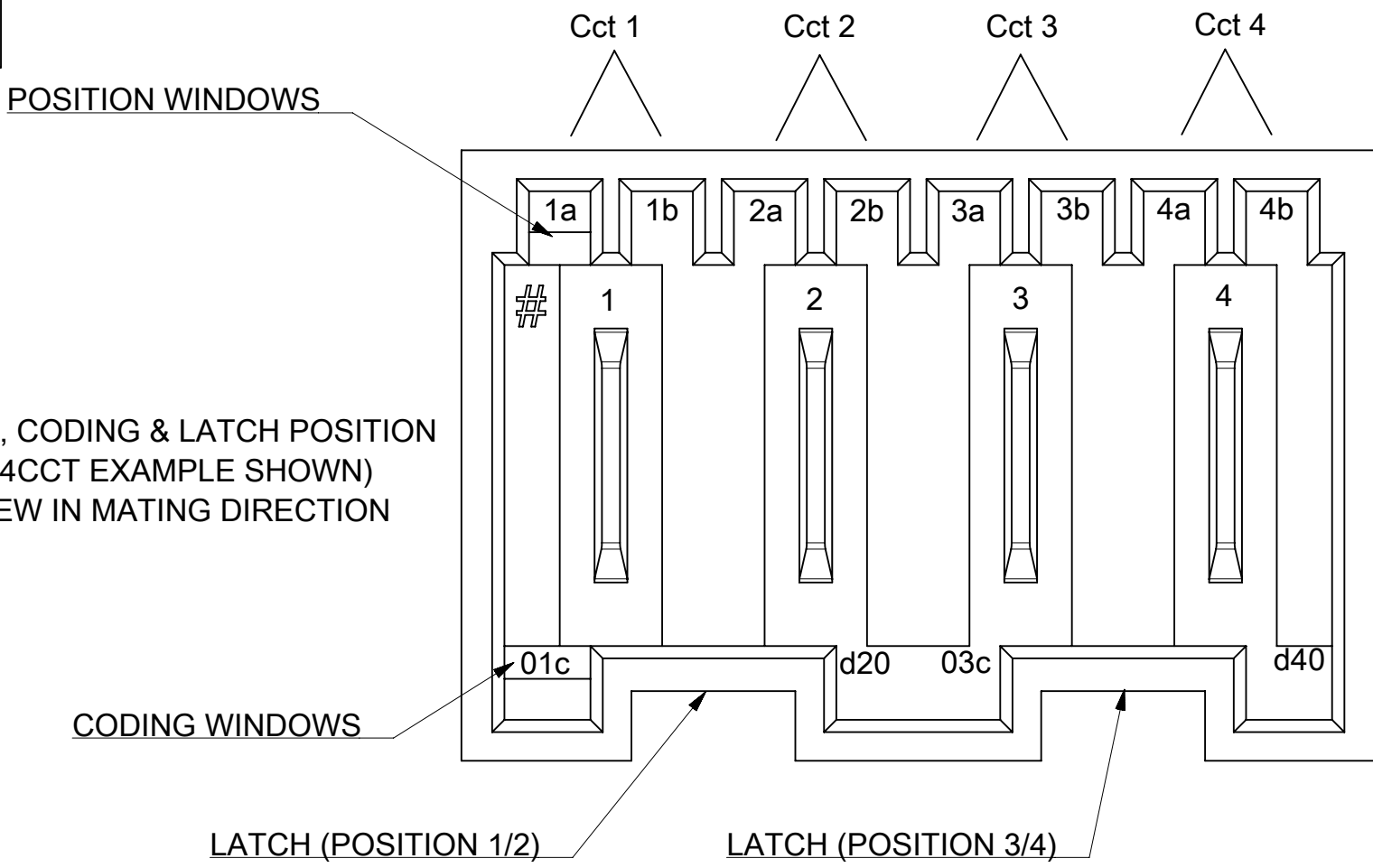
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 676543 DRWN: MBN02 CHKD: MBN02 REV APPR: SDEVITT	2021/08/11 2021/09/03 2021/09/06	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex®							
			mm		1:1									
			ANGULAR TOL ± 2.0 °		CRAODOREMS		2017/10/26		RAST 5 VERT POTABLE HDR PA 66 HOUSING					
			4 PLACES ±		CHKD BY		DATE							
			3 PLACES ±		TELMASRI		2018/01/02							
			2 PLACES ± 0.05		APPR BY		DATE							
			1 PLACE ± 0.1		BRUTTLE		2018/01/08		PRODUCT CUSTOMER DRAWING					
			0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A1				SERIES		MATERIAL NUMBER		CUSTOMER	
			D		REV APPR: SDEVITT				93229		SEE CHARTS		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
						932290001		PSD		000		1 OF 7		

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3 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING F											P.C.B. POLARISATION OPTION	PACKAGING OPTION *	DIM "E"
PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)			
93229-0500	93228-0500	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b	01c d20 03c d30	1/2		91703-0003	93229-1249	A	A	7.8
93229-0501	93228-0501	91703-0002	NATURAL	NONE	1b	01c d20	1/2		91703-0003	93229-1248	A	A	
93229-0502	93228-0502	91703-0020	NATURAL	NONE	3b	01c 03c	1/2		91703-0021	93229-1247	A	A	9.3
93229-0503	93228-0503	91703-0002	BLUE	NONE	1b	01c d30	1/2		91703-0003	93229-1246	A	A	7.8
93229-0504	93228-0504	91703-0002	NATURAL	NONE	3b	01c d30	1/2		91703-0003	93229-1245	A	A	
93229-0505	93228-0505	91703-0020	BLUE	NONE	2a 3b	d10 d30	2/3		91703-0021	93229-1244	A	A	9.3
93229-0506	93228-0506	91703-0020	RED	NONE	3b	01c 03c	1/2		91703-0021	93229-1243	A	A	
93229-0507	93228-0507	91703-0020	GREEN	NONE	3b	01c d30	1/2		91703-0021	93229-1242	A	A	
93229-0508	93228-0508	91703-0002	BLACK	NONE	1b	01c d20	1/2		91703-0003	93229-1241	A	A	7.8
93229-0509	93228-0502	91703-0020	NATURAL	NONE	3b	01c 03c	1/2		91703-0021	93229-1240	B	A	9.3
93229-0510	93228-0501	91703-0017	NATURAL	NONE	1b	01c d20	1/2		91703-0018	93229-1239	C	A	7.8
93229-0511	93228-0501	91703-0002	NATURAL	2	1b	01c d20	1/2		91703-0003	93229-1238	A	A	
93229-0512	93228-0509	91703-0020	RED	NONE	3b	01c 03c	1/2		91703-0021	93229-1237	A	A	9.3
93229-0513	93228-0501	91703-0002	NATURAL	2	1b	01c d20	1/2		91703-0003	93229-1236	B	A	7.8

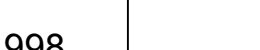
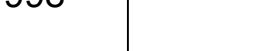


PRE-RELEASE
REFERENCE
USE ONLY

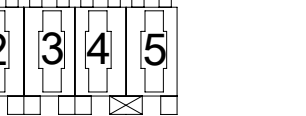
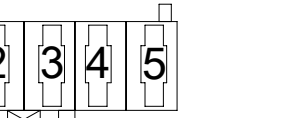
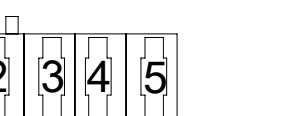
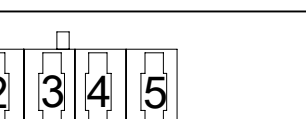
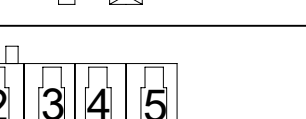
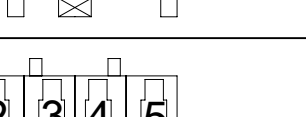
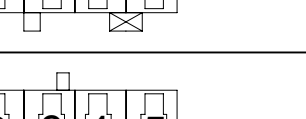
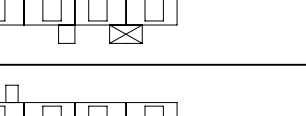
NOTES:
* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
EC NO: 676543 DRWN: MBN02 CHKD: MBN02 REV APPR: SDEVITT	2021/08/11 2021/09/03 2021/09/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	molex [®]			
				mm	1:1				
		ANGULAR TOL ± 2.0 °		DRWN BY	DATE	RAST 5 VERT POTABLE HDR PA 66 HOUSING			
		4 PLACES ±		CRAODOREMS	2017/10/26				
		3 PLACES ±		CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING			
		2 PLACES ± 0.05		TELMASRI	2018/01/02				
		1 PLACE ± 0.1		APPR BY	DATE	SERIES MATERIAL NUMBER CUSTOMER			
		0 PLACES ±		BRUTTLE	2018/01/08				
D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	93229		SEE CHARTS	
				A1		DOCUMENT NUMBER 932290001		DOC TYPE PSD	DOC PART SHEET NUMBER 000 3 OF 7

4 CIRCUIT

PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)	OPTION	OPTION "	
93229-1250	93228-1250	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b	01c d20 03c d40	1/2 3/4		91703-0003	93229-1999	A	A	7.8
93229-1251	93228-1251	91703-0002	NATURAL	NONE	1b	03c d40	1/2 3/4		91703-0003	93229-1998	A	A	
93229-1252	93228-1252	91703-0002	GREEN	NONE	1b	03c d40	1/2 3/4		91703-0003	93229-1997	A	A	
93229-1253	93228-1253	91703-0002	BLACK	NONE	2a 3b	NONE	1/2 3/4		91703-0003	93229-1996	A	A	

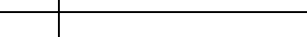
5 CIRCUIT

PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)	OPTION	OPTION	
93229-2000	93228-2000	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b	01c d20 03c d30 04c d50	1/2 4/5		91703-0003	93229-2749	A	A	7.8
93229-2001	93228-2001	91703-0002	NATURAL	NONE	1a 5b	01c d30	1/2 2/3		91703-0003	93229-2748	A	A	
93229-2003	93228-2003	91703-0002	BLUE	NONE	2b	d20	1/2 4/5		91703-0003	93229-2747	A	A	
93229-2004	93228-2004	91703-0002	BLUE	NONE	3b	d30	1/2 4/5		91703-0003	93229-2746	A	A	
93229-2005	93228-2005	91703-0002	NATURAL	NONE	2b	d20 d50	1/2 3/4		91703-0003	93229-2745	A	A	
93229-2006	93228-2006	91703-0002	NATURAL	NONE	3a 4b	03c	1/2 4/5		91703-0003	93229-2744	A	A	
93229-2007	93228-2004	91703-0002	BLUE	NONE	3b	d30	1/2 4/5		91703-0003	93229-2743	B	A	
93229-2008	93228-2007	91703-0020	NATURAL	NONE	2b	d20	1/2 4/5		91703-0021	93229-2742	A	A	9.3

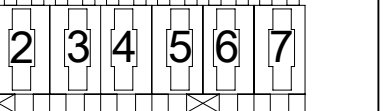
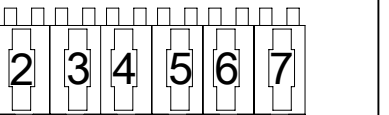
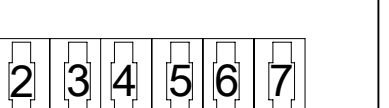
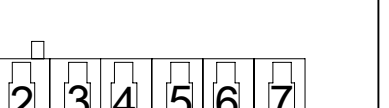
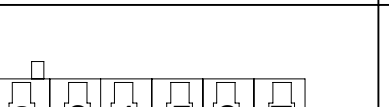
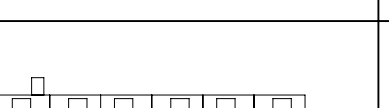
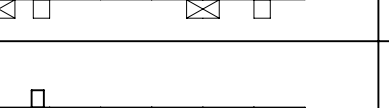
PRE-RELEASE
REFERENCE
USE ONLY

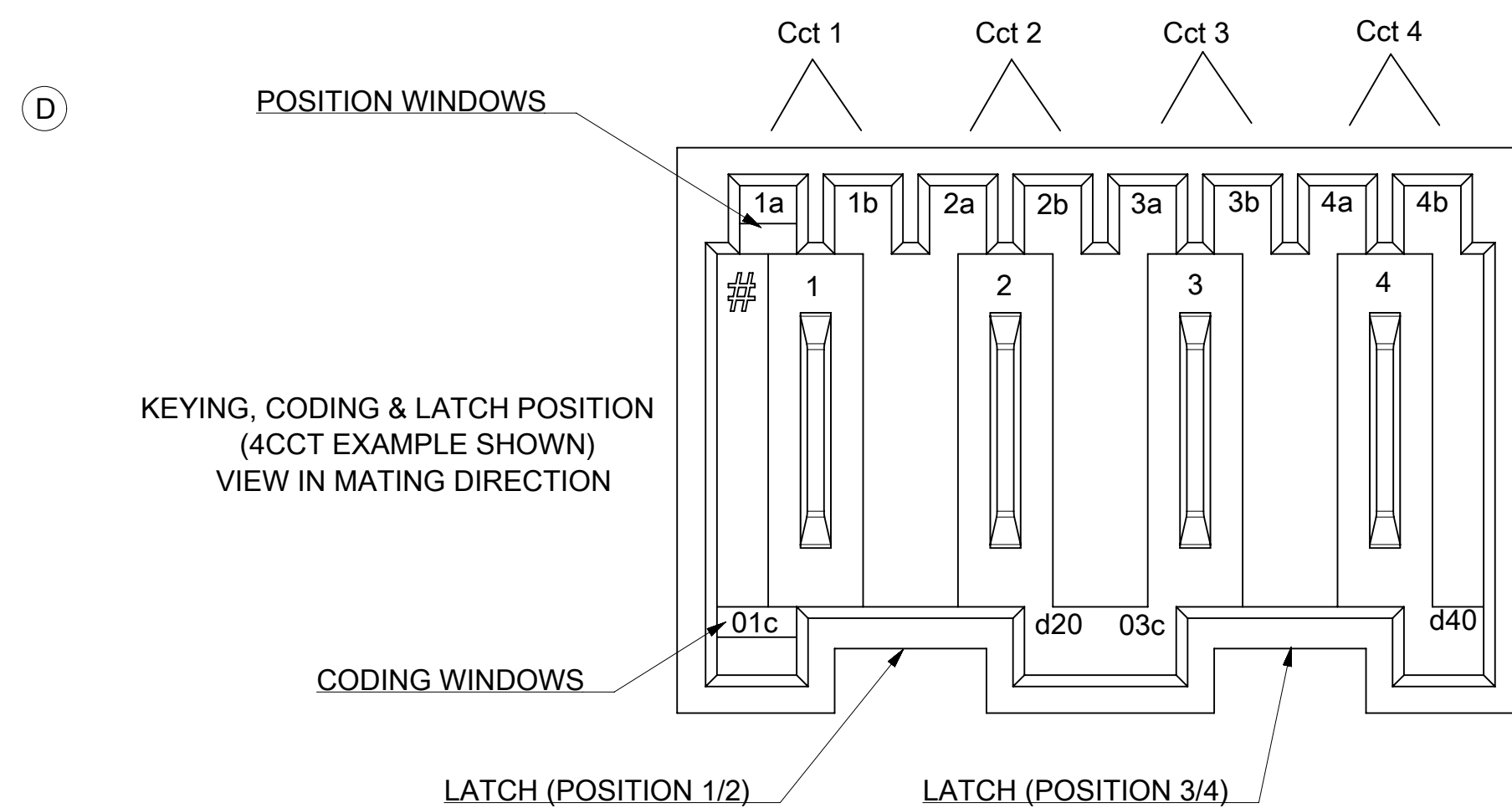
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
EC NO: 676543 DRWN: MBN02 CHKD: MBN02 APPR: SOEVT 2021/08/11 2021/09/03 2021/09/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®							
			mm		1:1									
			ANGULAR TOL ± 2.0 °		DRWN BY		DATE		RAST 5 VERT POTABLE HDR PA 66 HOUSING					
			4 PLACES ±		CRAODOREMS		2017/10/26							
			3 PLACES ±		CHKD BY		DATE							
			2 PLACES ± 0.05		TELMASRI		2018/01/02							
			1 PLACE ± 0.1		APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
			0 PLACES ±		BRUTTLE		2018/01/08							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
					A1				93229		SEE CHARTS		GENERAL MARKET	
D		REV/		DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER		
				932290001				PSD		000		4 OF 7		

6 CIRCUIT

PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)	OPTION	OPTION "	
93229-2750	93228-2750	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c d20 03c d30 04c d50 06c d60	1/2 4/5		91703-0003	93229-3499	A	A	7.8
93229-2751	93228-2751	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c d10 02c d30 04c d50 06c d60	2/3 4/5		91703-0003	93229-3498	A	A	
93229-2752	93228-2752	91703-0002	NATURAL	NONE	1b	03c d60	1/2 4/5		91703-0003	93229-3497	A	A	
93229-2753	93228-2753	91703-0020	NATURAL	NONE	1b	04c	1/2 5/6		91703-0021	93229-3496	A	A	9.3

7 CIRCUIT

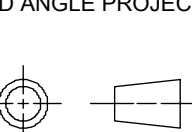
PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)	OPTION	OPTION	
93229-3500	93228-3500	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	01c d20 03c d30 04c d40 05c d60 07c d70	1/2 5/6		91703-0003	93229-4249	A	A	7.8
93229-3501	93228-3501	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	01c d10 02c d30 04c d40 05c d50 06c d70	2/3 6/7		91703-0003	93229-4248	A	A	
93229-3502	93228-3502	91703-0002	NATURAL	NONE	NONE	03c d40 07c	1/2 5/6		91703-0003	93229-4247	A	A	
93229-3503	93228-3503	91703-0002	NATURAL	NONE	2b	d20 07c	1/2 3/4 5/6		91703-0003	93229-4246	A	A	
93229-3504	93228-3504	91703-0002	RED	NONE	2b	d20 07c	1/2 5/6		91703-0003	93229-4245	A	A	
93229-3505	93228-3504	91703-0002	RED	NONE	2b	d20 07c	1/2 5/6		91703-0003	93229-4244	B	A	
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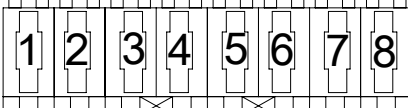
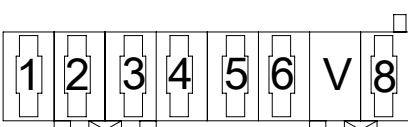
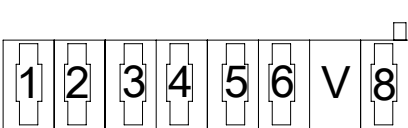
PRE-RELEASE
REFERENCE
USE ONLY

NOTES:

* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
EC NO: 676543 DRWN: MBN02 CHKD: MBN02 APPR: SDEVTT	2021/08/11 2021/09/03 2021/09/06	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex®											
			mm	1:1												
			DRWN BY	DATE												
					ANGULAR TOL ± 2.0 °	CRAODOREMS	2017/10/26	RAST 5 VERT POTABLE HDR PA 66 HOUSING								
			4 PLACES	±	CHK'D BY	DATE										
			3 PLACES	±	TELMASRI	2018/01/02										
			2 PLACES	± 0.05	APPR BY	DATE	PRODUCT CUSTOMER DRAWING									
			1 PLACE	± 0.1	BRUTTLE	2018/01/08										
0 PLACES	±	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER										
		A1		93229	SEE CHARTS	GENERAL MARKET										
D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DOCUMENT NUMBER	DGC TYPE	DGC PART	SHEET NUMBER								
					932290001	PSD	000	5 OF 7								

SEE CODE DESIGNATION TABLE FOR NUMBERING

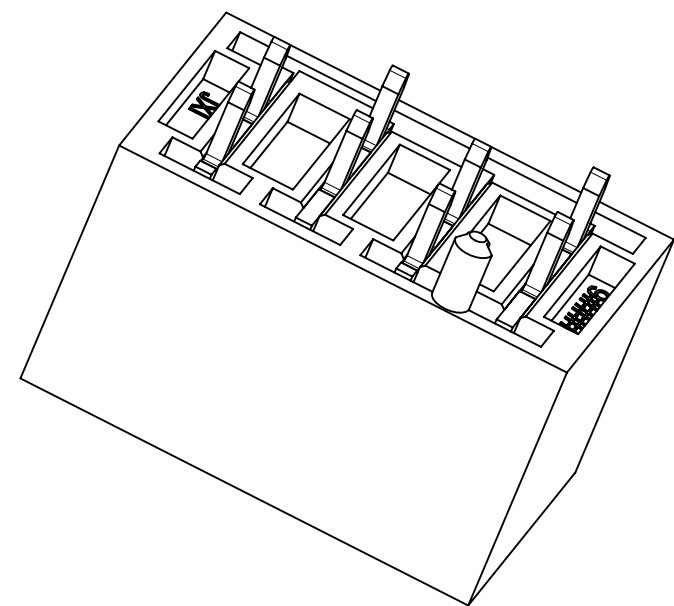
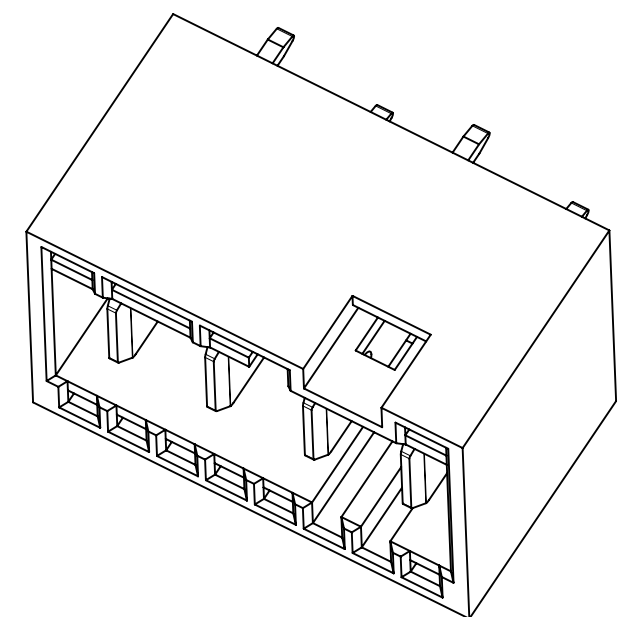
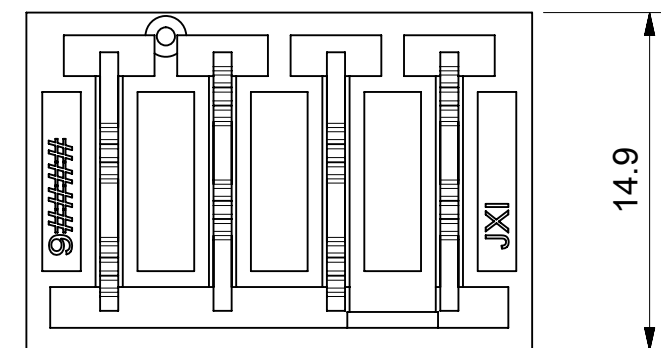
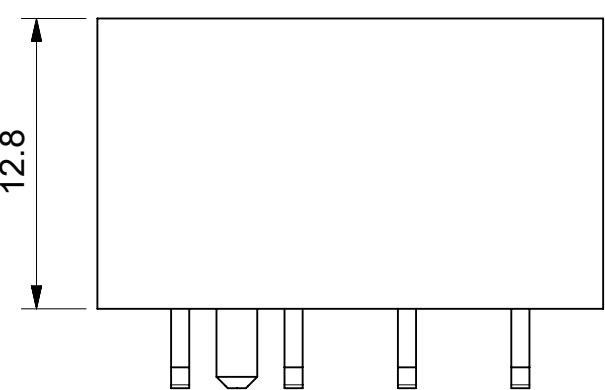
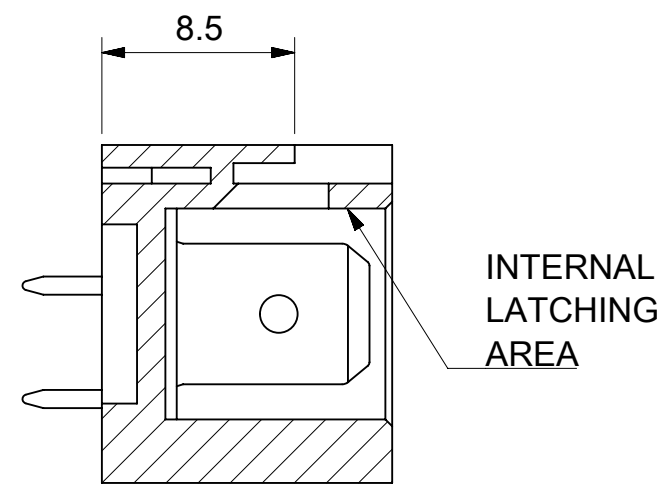
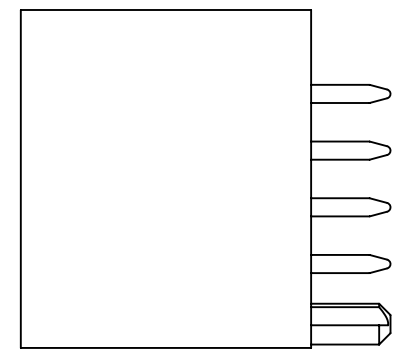
8 CIRCUIT											P.C.B. POLARISATION OPTION	PACKAGING OPTION *	DIM "E"
SEE CODE DESIGNATION TABLE FOR NUMBERING													
PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)			
93229-4500	93228-4500	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b	01c d10 02c d20 03c d40 05c d60 07c d70 08c d80	3/4 5/6		91703-0003	93229-4999	A	A	7.8
93229-4501	93228-4501	91703-0002	NATURAL	7	8b	02c d30 07c	2/3 7/8		91703-0003	93229-4998	B	A	
93229-4502	93228-4501	91703-0017	NATURAL	7	8b	02c d30 07c	2/3 7/8		91703-0018	93229-4997	C	A	

* SEE SHEET 1 NOTE 4

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EC DN: 676543 CHKD: MBN02 CHKD: MBN02 APPR: SDEVITT	2021/08/11	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex®						
	2021/09/03		mm	1:1									
	2021/09/06		DRWN BY		DATE		RAST 5 VERT POTABLE HDR PA 66 HOUSING						
	ANGULAR TOL ± 2.0 °		CRAODOREMS 2017/10/26										
	4 PLACES ±		CHKD BY		DATE		PRODUCT CUSTOMER DRAWING						
	3 PLACES ±		TELMASRI 2018/01/02										
	2 PLACES ± 0.05		APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER						
	1 PLACE ± 0.1		BRUTTLE 2018/01/08										
	0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION		93229		SEE CHARTS		GENERAL MARKET		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A1				DOCUMENT NUMBER		DOC TYPE		DOC PART SHEET NUMBER		
D	REV						932290001		PSD		000 6 OF 7		



POSITION WINDOWS

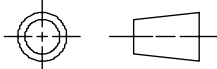
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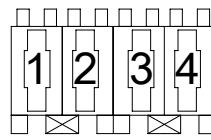
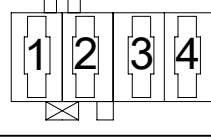
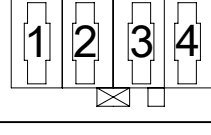
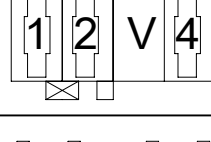
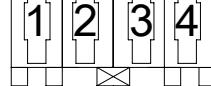
1a 1b 2a 2b 3a 3b 4a 4b

CODING WINDOWS

01c d20 03c d30 04c d40

PRE-RELEASE
REFERENCE
USE ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
EC NO: 076543 DRWN: MBN02 CHK'D: MBN02 APPR: SDEVITT	2021/08/11	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.1 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS mm		SCALE 1:1							
	2021/09/03		DRWN BY CRAODOREMS		DATE 2017/10/26							
	2021/09/06		CHK'D BY TELMASRI		DATE 2018/01/02		RAST 5 VERT POTABLE HDR PA 66 HOUSING					
			APPR BY BRUTTLE		DATE 2018/01/08							
			DRAWING SIZE A1		THIRD ANGLE PROJECTION 		PRODUCT CUSTOMER DRAWING					
	D		REV	SERIES 93229		MATERIAL NUMBER SEE CHARTS				CUSTOMER GENERAL MARKET		
				DOCUMENT NUMBER 932290001		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 7 OF 7		

4 CIRCUIT											INTERNAL LATCHING & 8MM POTTING OPTION											P.C.B. POLARISATION OPTION	PACKAGING OPTION *	DIM "E"	TOOLED
PART NO. (TIN)	MOLEX HOUSING NO.	TERM NO. (TIN)	COLOUR	TERMINAL VOID POSITION	UNBLOCKED POSITION KEYS	UNBLOCKED CODING KEYS	LATCH POSITION	CONFIGURATION (SEE NOTES)	TERM NO. (SILVER)	PART NO. (SILVER)															
93229-6000	93228-6000	91703-0002	NATURAL	NONE	1a 1b 2a 2b 3a 3b 4a 4b	01c d20 03c d40	1/2 3/4		91703-0003	93229-6499	A	A	7.8	NO											
93229-6001	93228-6001	91703-0002	NATURAL	NONE	1b 2a	d20	1/2		91703-0003	93229-6498	A	A													
93229-6002	93228-6002	91703-0002	NATURAL	NONE	3b	d30	2/3		91703-0003	93229-6497	A	A	7.8	NO											
93229-6003	93228-6003	91703-0002	NATURAL	3	1b 2a	d20	1/2		91703-0003	93229-6496	A	A													
93229-6004	93228-6004	91703-0002	NATURAL	NONE	1a 2a 3b 4b	01c d10 04c d40	2/3		91703-0003	93229-6495	A	A													