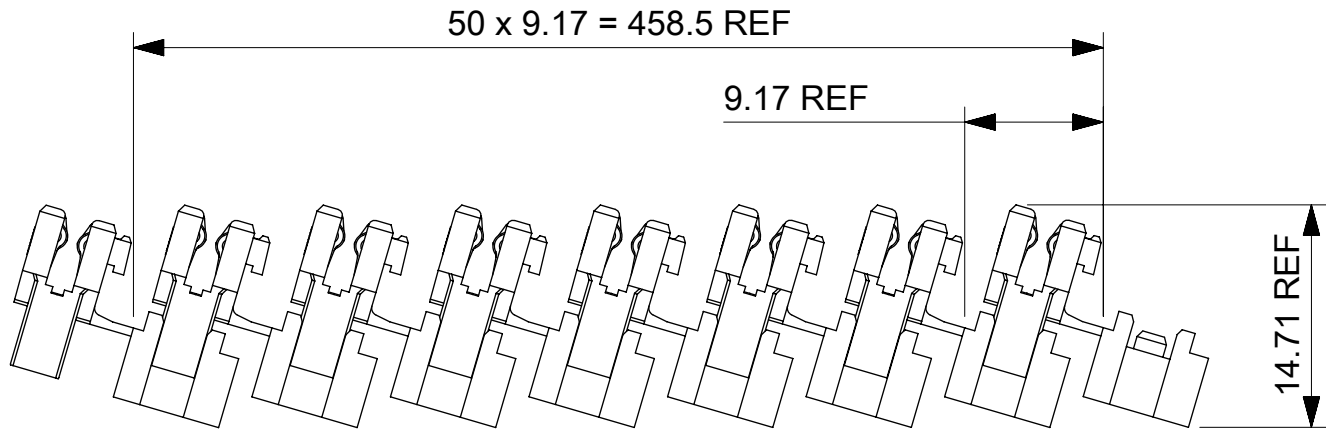
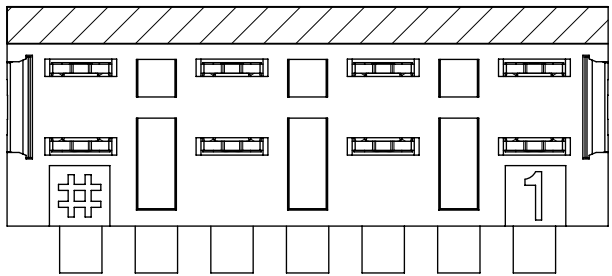
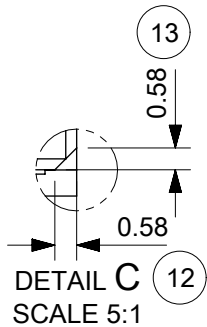
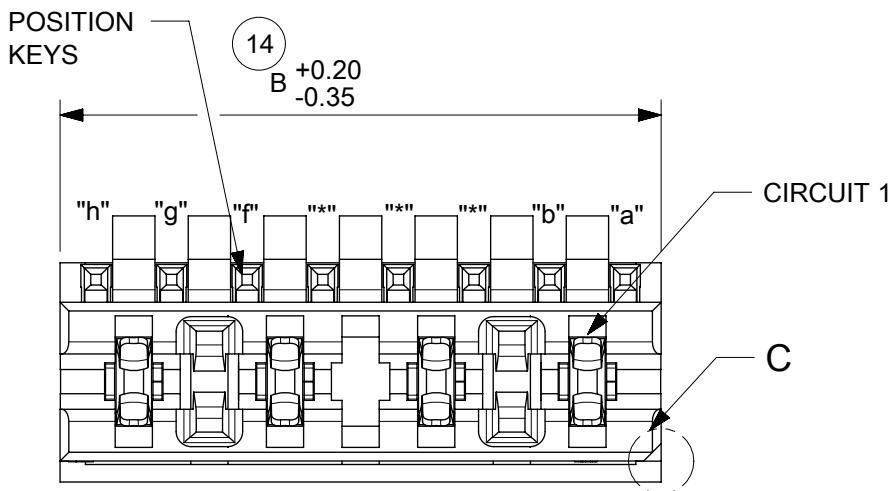
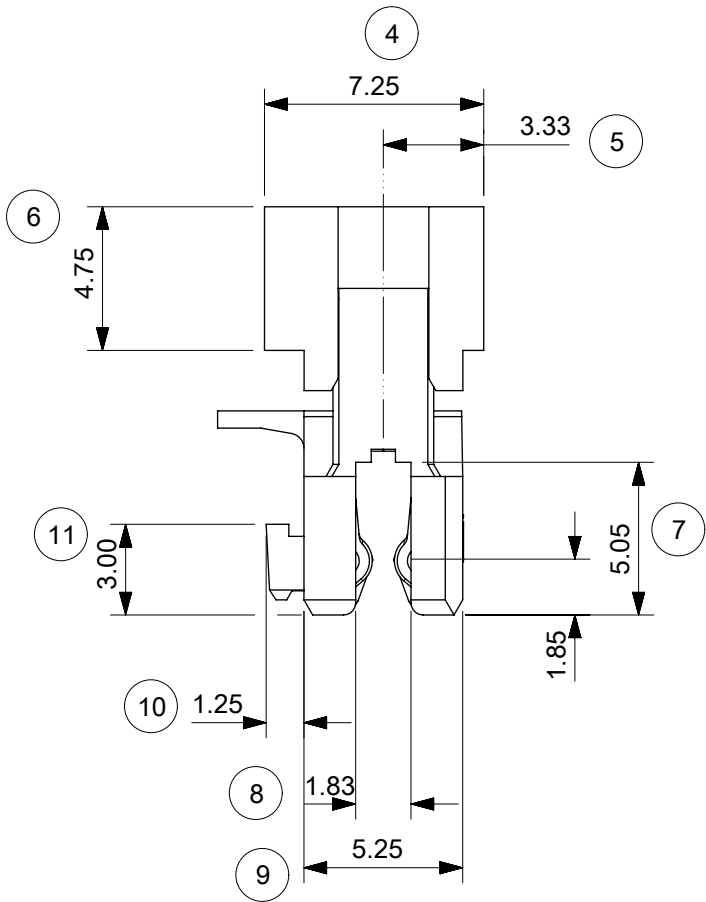
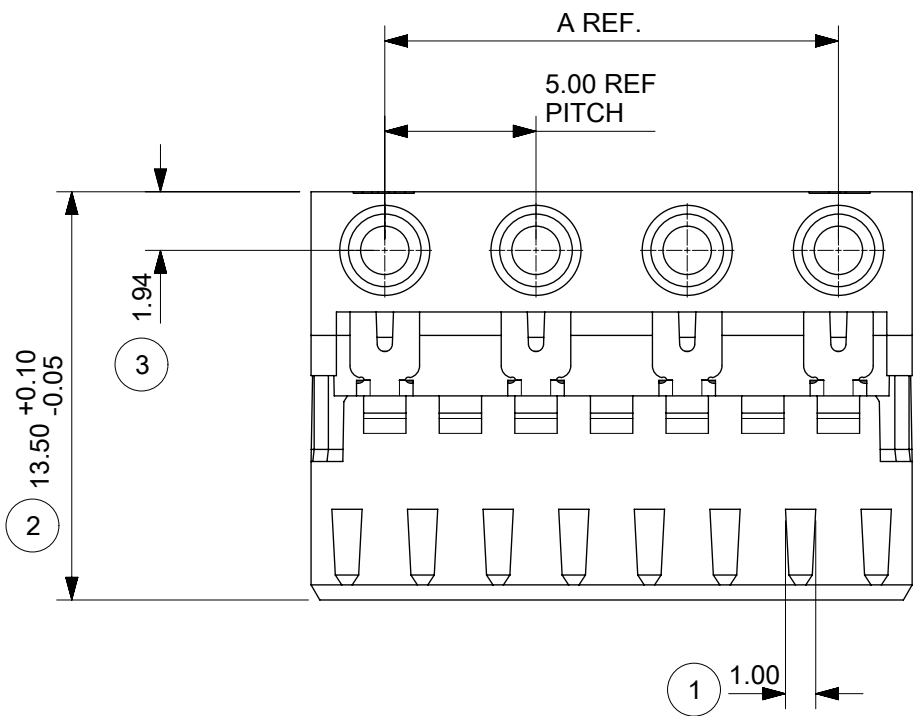




A1

CCT	A	B
2	5.0	9.9
3	10.0	14.9
4	15.0	19.9
5	20.0	24.9
6	25.0	29.9
7	30.0	34.9
8	35.0	39.9

SHIPPING ARRANGEMENT



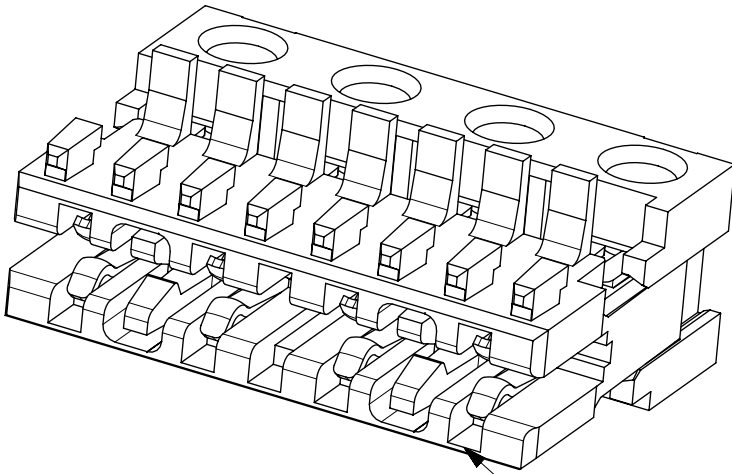
- NOTES:
- REFER TO PRODUCT SPECIFICATION: PS-93270-001.
 - MATERIAL: HOUSING - PA66
UL94-V0, COLOUR: BLACK.
TERMINAL: COPPER ALLOY 0.30 REF. THICK - PLATING
HOT TIN DIP.
 - COLOUR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING
COLOURS: YELLOW, RED, GREEN, BLUE, BLACK & ORANGE.
 - REFER TO PACKAGING SPEC (PK-93270-001)
 - REFER TO APPLICATION SPEC (AS-93270-001)
LAST INSPECTION NUMBER : 14

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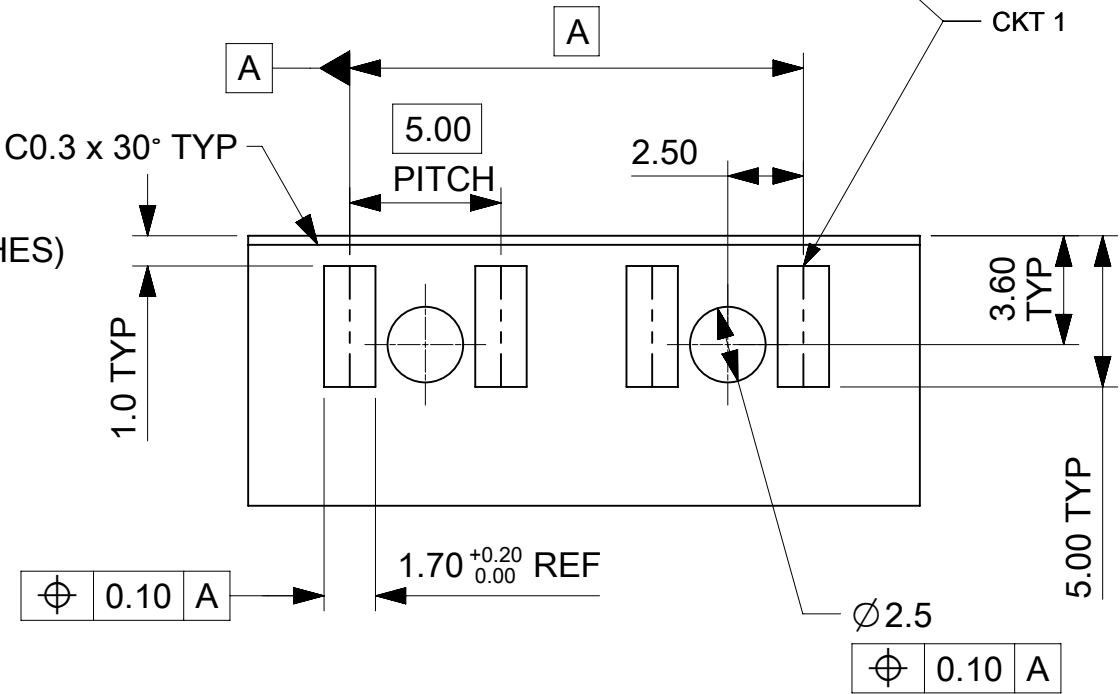
DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex			
mm	20:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 761927 DRWN: RAHULH3 CHK'D: RAHULH3 APPR: MRAMAKRISHNA 2023/09/18 2023/09/18 2023/09/19		R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)			
ANGULAR TOL ± 0.5 °				PRODUCT CUSTOMER DRAWING			
4 PLACES ±				DOCUMENT NUMBER			
3 PLACES ± 0.05				2209580001			
2 PLACES ± 0.1				PSD			
1 PLACE ± 0.2		INITIAL REVISION:		DOC PART	REVISION		
0 PLACES ±		DRWN: MBN02 APPR: MRAMAKRISHNA 2022/05/30 2023/02/08		000	A2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A2-SIZE	220958	SEE TABLE	GENERAL MARKET	1 OF 9

SINGLE ROW CODING KEYS OPEN
END WALLS WITH LATCHES

END WALLS OPEN	
FIRST END WALL	LAST END WALL
OPEN	OPEN

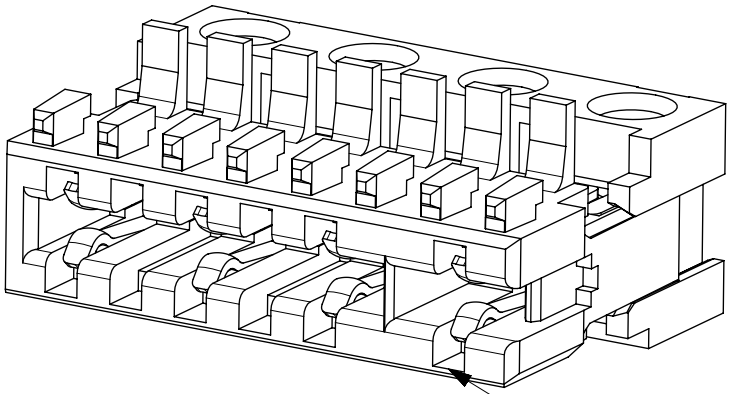


- PCB LAYOUT FOR 4CCT CONNECTOR (WITH NO OPTIONAL POSITIONAL RIB SLOT) (WITH HOLES FOR OPTIONAL INTERNAL LATCHES)
- RECOMMENDED PCB THICKNESS 1.5±0.14

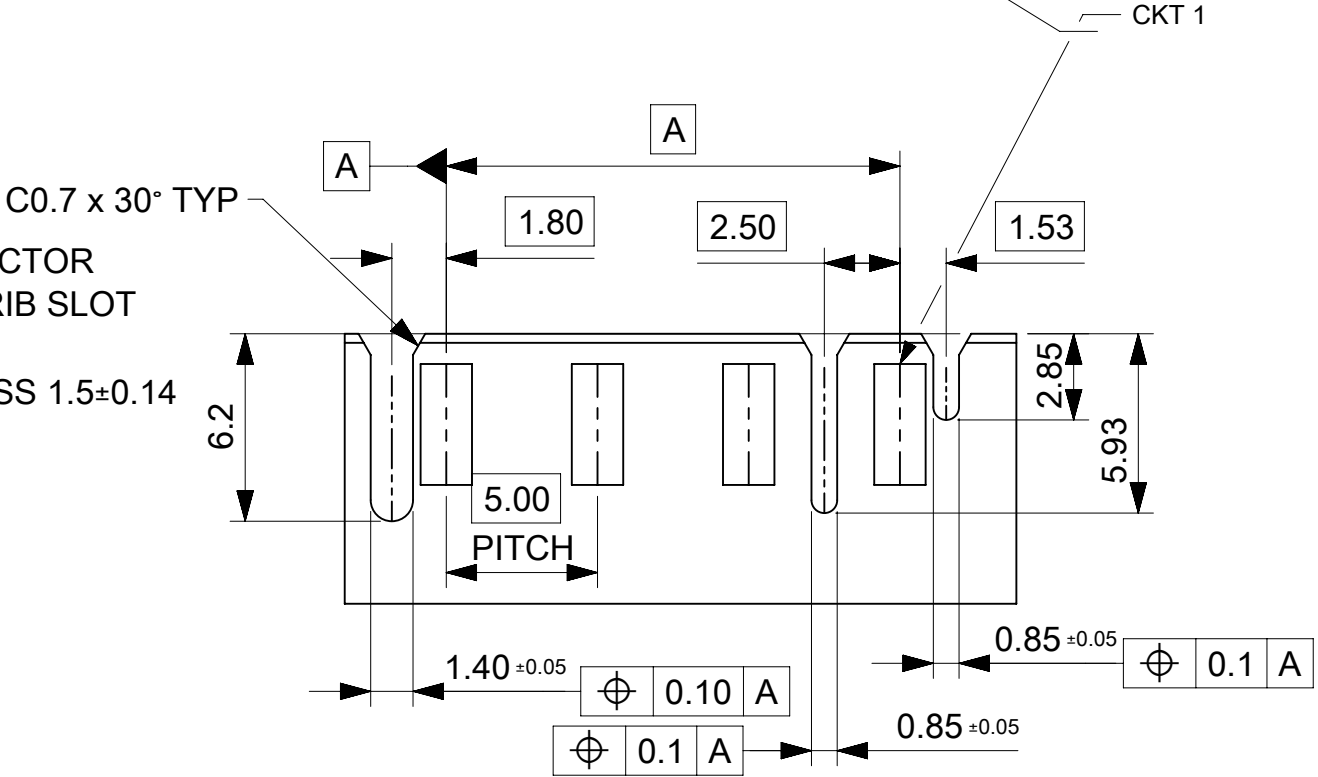


SINGLE ROW CODING KEYS OPTION A
END WALLS WITH POLARIZING RIBS

OPTION A END WALLS	
FIRST END WALL	LAST END WALL
SHORT	CLOSED

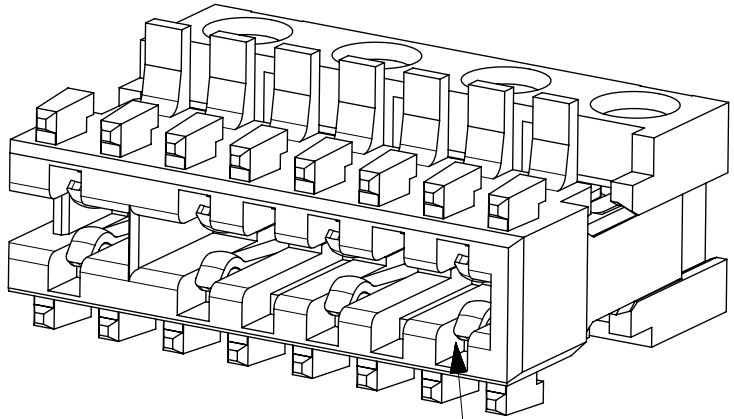


- PCB LAYOUT FOR 4CCT CONNECTOR (WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCTS 1&2)
- RECOMMENDED PCB THICKNESS 1.5±0.14

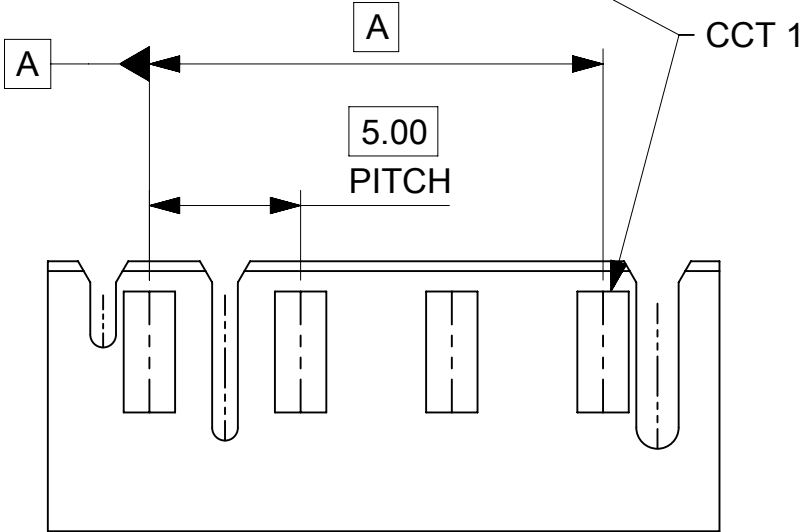


2 ROW CODING KEYS OPTION B
END WALLS WITH POLARIZING RIBS

OPTION B END WALLS	
FIRST END WALL	LAST END WALL
CLOSED	SHORT

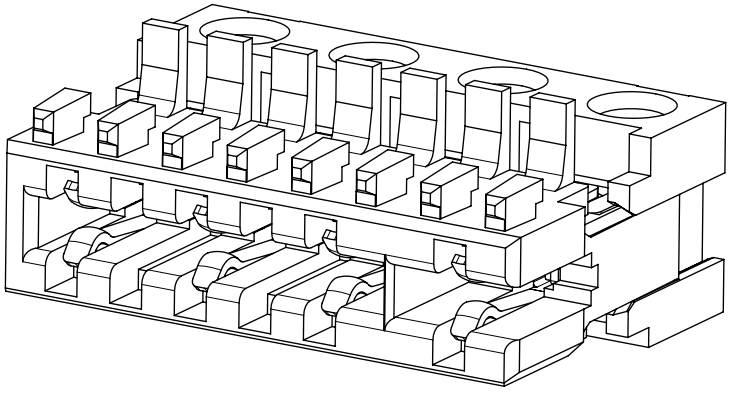


- PCB LAYOUT FOR 4CCT CONNECTOR (WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCTS 3&4)
- RECOMMENDED PCB THICKNESS 1.5±0.14

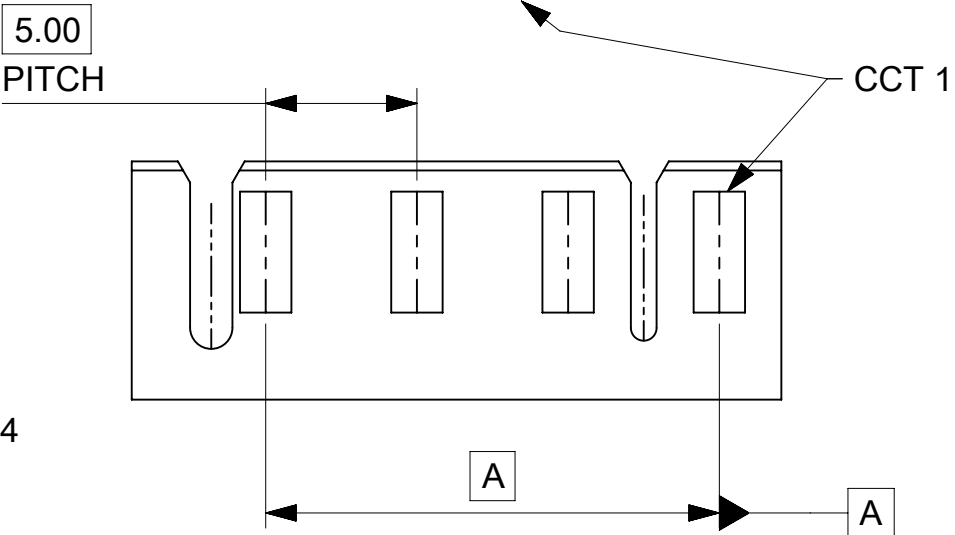


1 ROW CODING KEYS OPTION C
END WALLS WITH POLARIZING RIBS

OPTION C END WALLS	
FIRST END WALL	LAST END WALL
OPEN	CLOSED



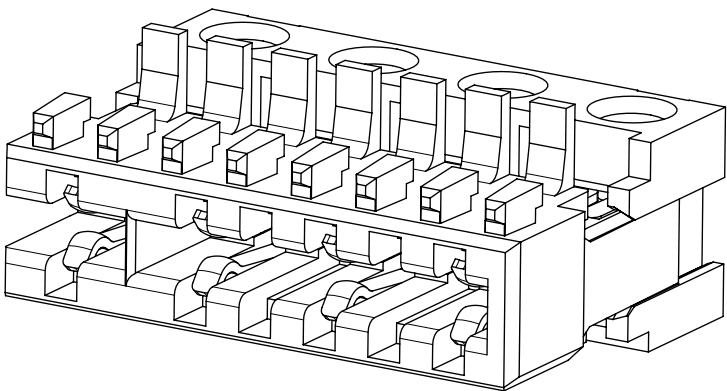
- PCB LAYOUT FOR 4CCT CONNECTOR (WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCTS 1&2)
- RECOMMENDED PCB THICKNESS 1.5±0.14



- NOTES:
1. ALL UNSPECIFIED DIMENSIONS SEE SHEET 1
 2. PCB FEATURES WHEN USED ARE IDENTICAL IN SIZE AND POSITION ACROSS PCB OPTIONS
 3. OPTIONS SHOWN ARE FOR REFERENCE ONLY, FOR PART CONFIGURATIONS SEE SHEETS 4-8
 4. FOR PARTS NOT LISTED ON THIS DRAWING PLEASE CONTACT YOUR MOLEX SALES ENGINEER

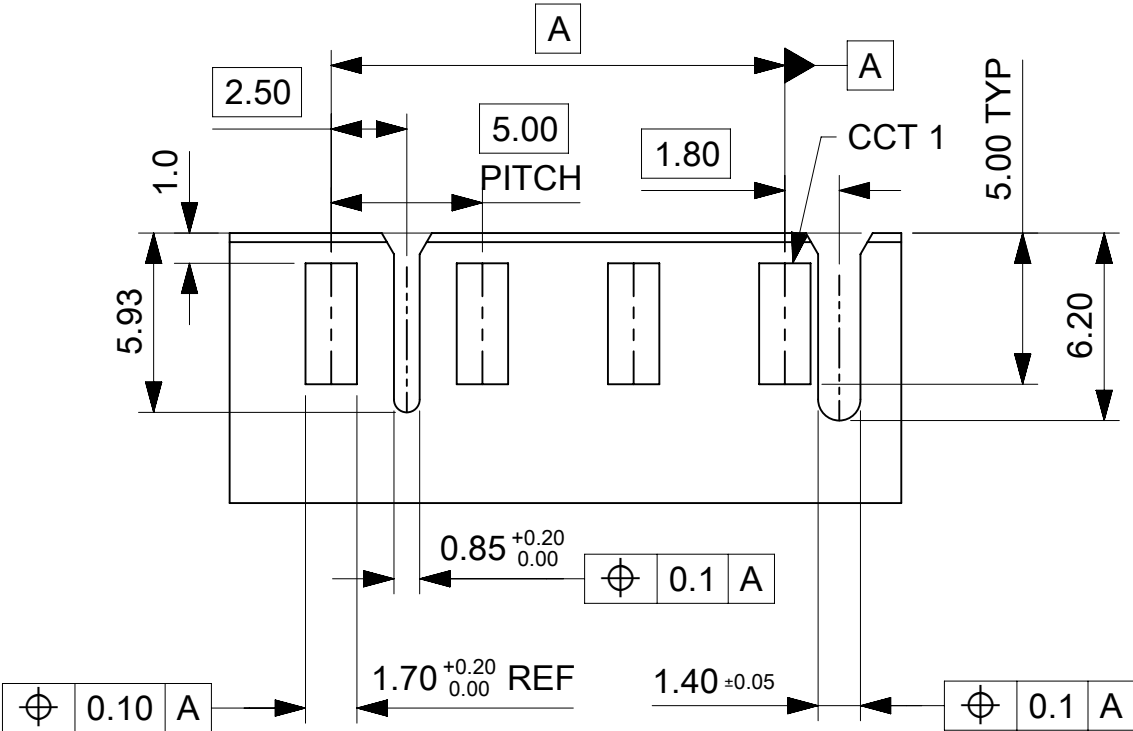
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)								
mm		1:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL		±	0.5 °	EC NO: 761927 DRWN: RAHULH3 2023/09/14 CHK'D: RAHULH3 2023/09/18 APPR: MRAMAKRISHNA 2023/09/19				PRODUCT CUSTOMER DRAWING								
4 PLACES		±														
3 PLACES		± 0.05														
2 PLACES		± 0.1														
1 PLACE		± 0.2														
0 PLACES		±	INITIAL REVISION: DRWN: MBN02 2022/05/30 APPR: MRAMAKRISHNA 2023/02/08				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION					DRAWING		SERIES		2209580001		PSD	000	A2	
				A2-SIZE		220958		SEE TABLE		GENERAL MARKET		2 OF 9				

1 ROW CODING KEYS OPTION D
END WALLS WITH POLARIZING RIBS

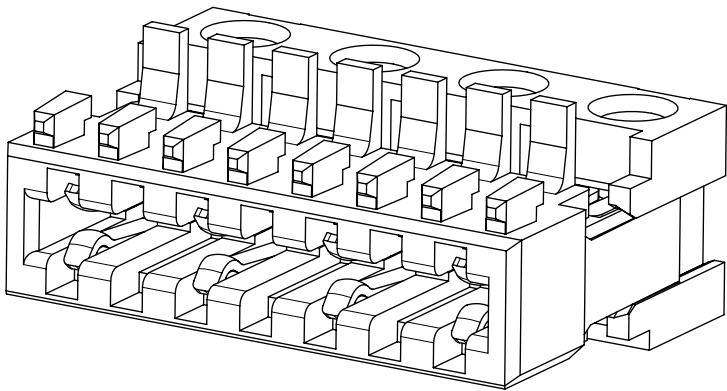


OPTION D END WALLS	
FIRST END WALL	LAST END WALL
CLOSED	OPEN

- PCB LAYOUT FOR 4CCT CONNECTOR (WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCTS 3&4)
- RECOMMENDED PCB THICKNESS 1.5±0.14

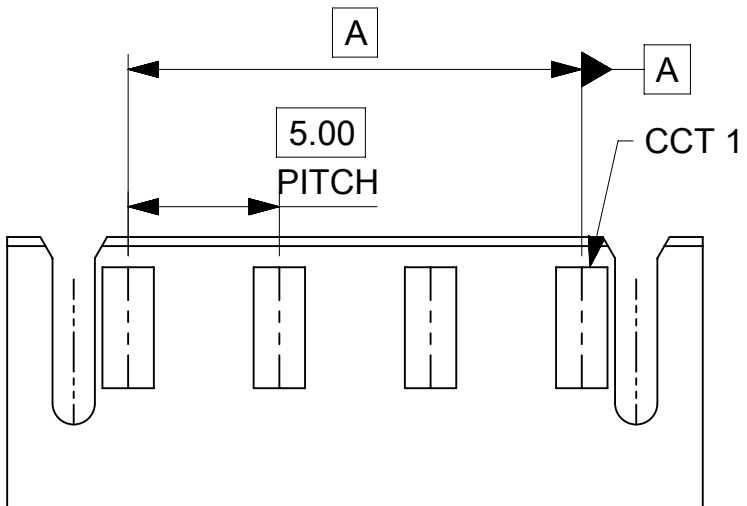


1 ROW CODING KEYS
OPTION E END WALLS

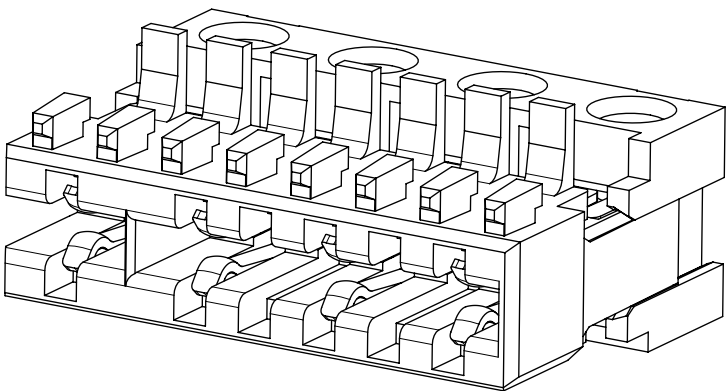


OPTION E END WALLS	
FIRST END WALL	LAST END WALL
CLOSED	CLOSED

- PCB LAYOUT FOR 4CCT CONNECTOR (WITH NO OPTIONAL POSITIONAL RIB SLOTS)
- RECOMMENDED PCB THICKNESS 1.5±0.14

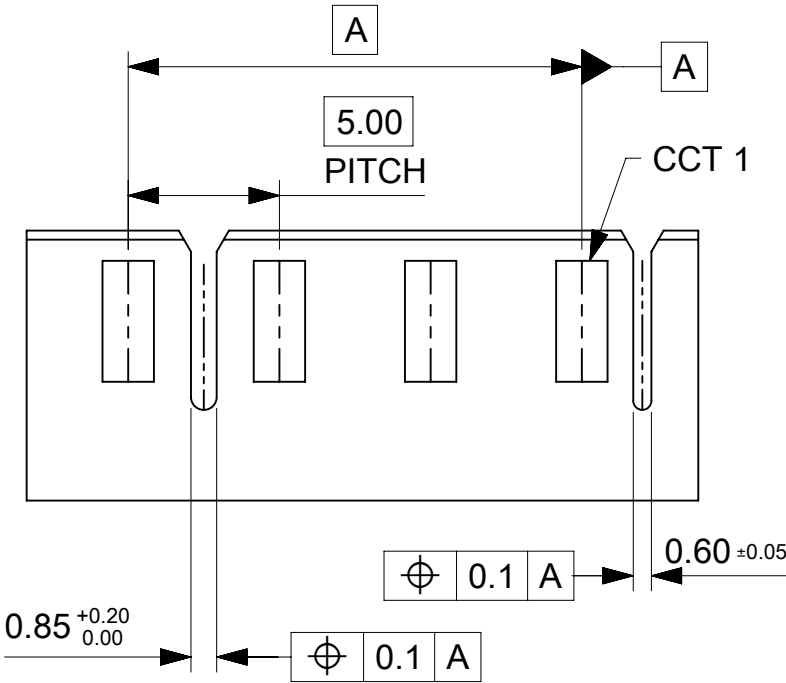


1 ROW CODING KEYS OPTION F
END WALLS WITH POLARIZING RIBS



OPTION F END WALLS	
FIRST END WALL	LAST END WALL
NARROW FLUSH	OPEN

OPTION F: FIRST END NARROW FLUSH
LAST END WALL OPEN
SHOWN WITH SINGLE ROW CODING KEYS
RIB SHOWN BETWEEN CCTS 3&4

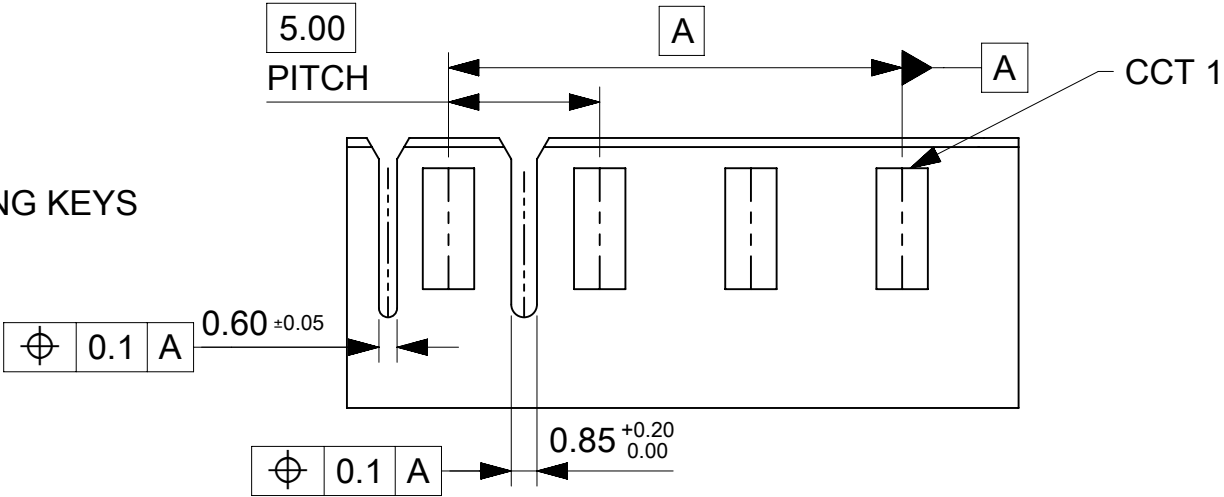
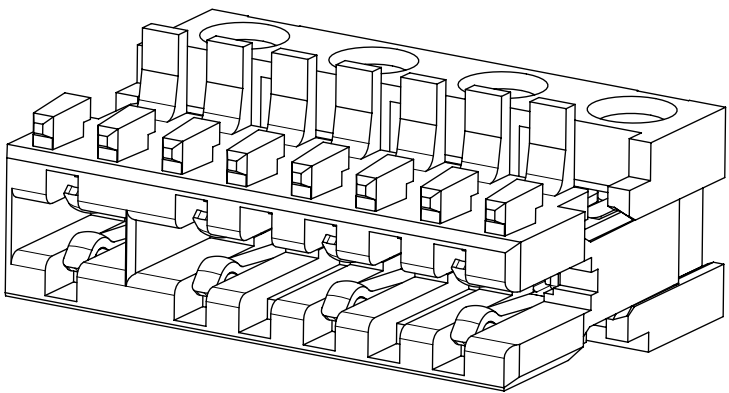


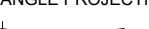
- NOTES:
1. ALL UNSPECIFIED DIMENSIONS SEE SHEET 1
 2. PCB FEATURES WHEN USED ARE IDENTICAL IN SIZE AND POSITION ACROSS PCB OPTIONS
 3. OPTIONS SHOWN ARE FOR REFERENCE ONLY, FOR PART CONFIGURATIONS SEE SHEETS 4-8
 4. FOR PARTS NOT LISTED ON THIS DRAWING PLEASE CONTACT YOUR MOLEX SALES ENGINEER

1 ROW CODING KEYS OPTION G
END WALLS WITH POLARIZING RIBS

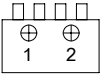
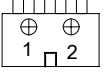
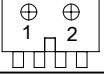
OPTION G END WALLS	
FIRST END WALL	LAST END WALL
OPEN	NARROW FLUSH

OPTION G: FIRST END OPEN
LAST END WALL NARROW FLUSH
SHOWN WITH SINGLE ROW CODING KEYS
RIB SHOWN BETWEEN CCTS 3&4

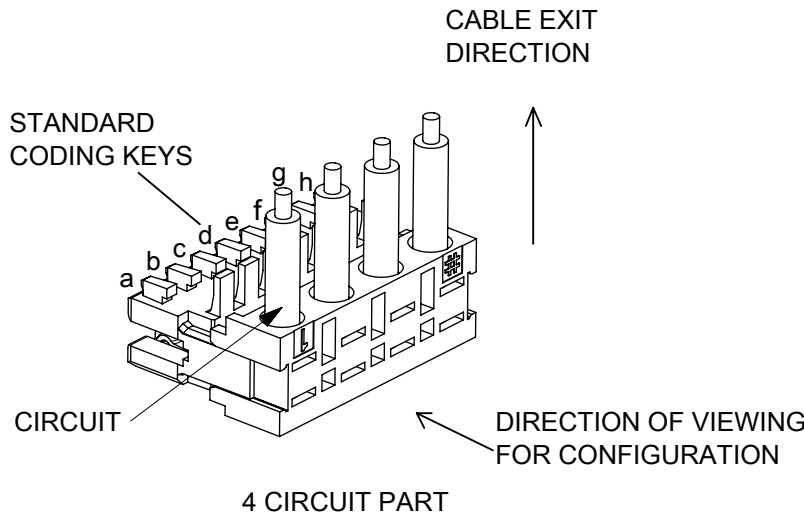
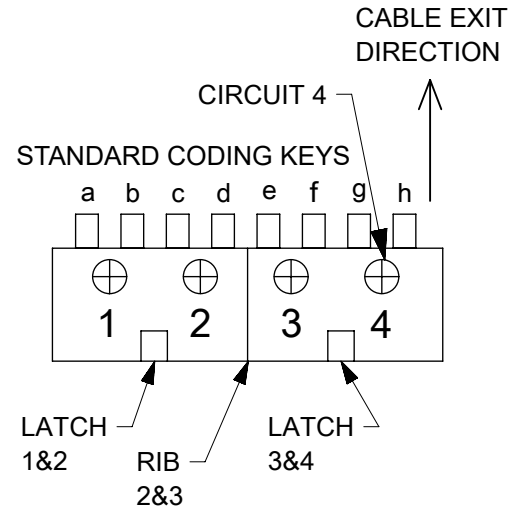


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DIMENSION UNITS		SCALE	CURRENT REV DESC:				molex R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)				
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 0.5 °							PRODUCT CUSTOMER DRAWING				
4 PLACES		±	EC NO: 761927				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES		± 0.05	DRWN: RAHULH3		2023/09/14		2209580001		PSD	000	A2
2 PLACES		± 0.1	CHK'D: RAHULH3		2023/09/18						
1 PLACE		± 0.2	APPR: MRAMAKRISHNA		2023/09/19						
0 PLACES		±	INITIAL REVISION:								
			DRWN: MBN02		2022/05/30						
			APPR: MRAMAKRISHNA		2023/02/08						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					A2-SIZE	220958	SEE TABLE		GENERAL MARKET		3 OF 9

2 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	FIRST ENDWALL	LAST ENDWALL	COLOUR STRIPE
220958-0001	220850-0002	93268-0004	NONE	NONE		NONE	NONE	OPEN	OPEN	NONE
220958-0002	220851-2002	93268-0004	NONE	NONE		CCT 1 & 2	NONE	OPEN	OPEN	NONE
220958-0003	220852-7202	93268-0004	NONE	NONE		CCT 1 & 2	NONE	OPEN	OPEN	NONE

KEYING, CODING & LATCH IDENTIFICATION VIEWED IN MATING DIRECTION



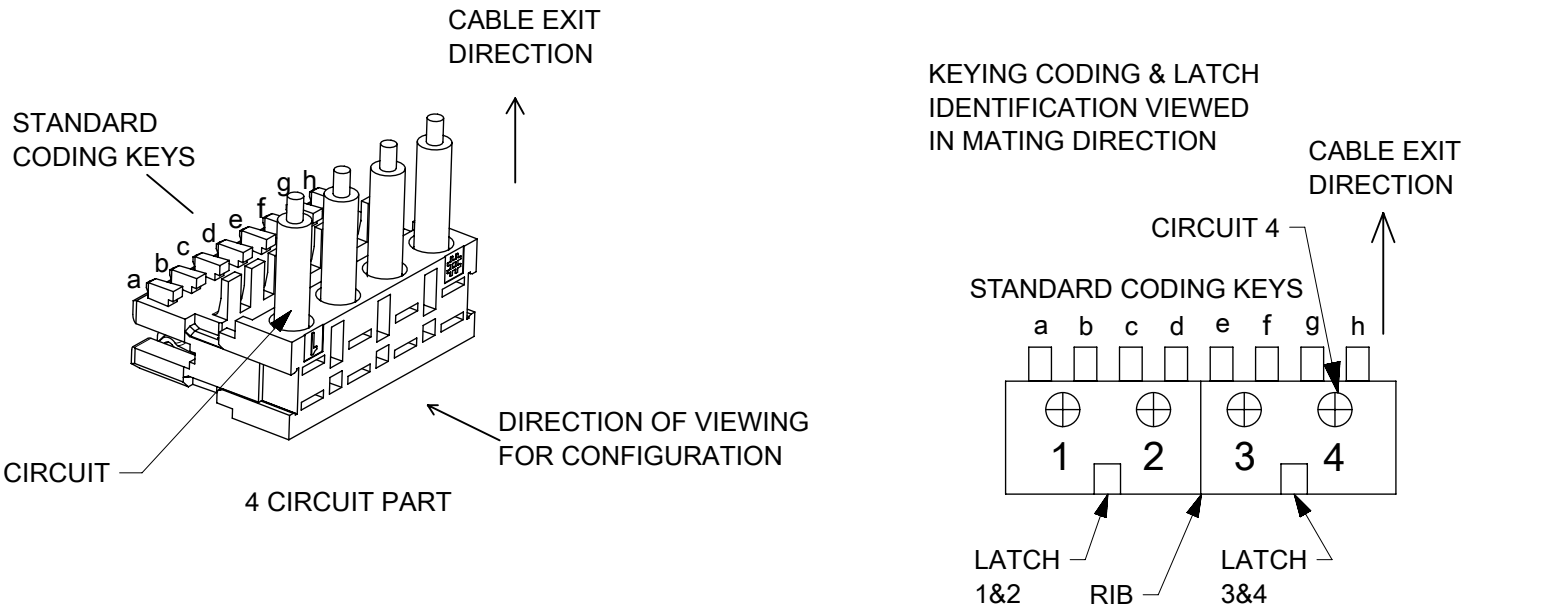
NOTES

- + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION
- MOLEX HOUSING NO. FOR REFERENCE ONLY

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex						
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)							R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)						
ANGULAR TOL ± 0.5 °													
4 PLACES ±													
3 PLACES ± 0.05		EC NO: 761927			PRODUCT CUSTOMER DRAWING								
2 PLACES ± 0.1		DRWN: RAHULH3 2023/09/14											
1 PLACE ± 0.2		CHK'D: RAHULH3 2023/09/18											
0 PLACES ±		APPR: MRAMAKRISHNA 2023/09/19			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION			
INITIAL REVISION:				2209580001			PSD			000	A2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A2-SIZE		220958		SEE TABLE		GENERAL MARKET		4 OF 9	

3 CIRCUIT

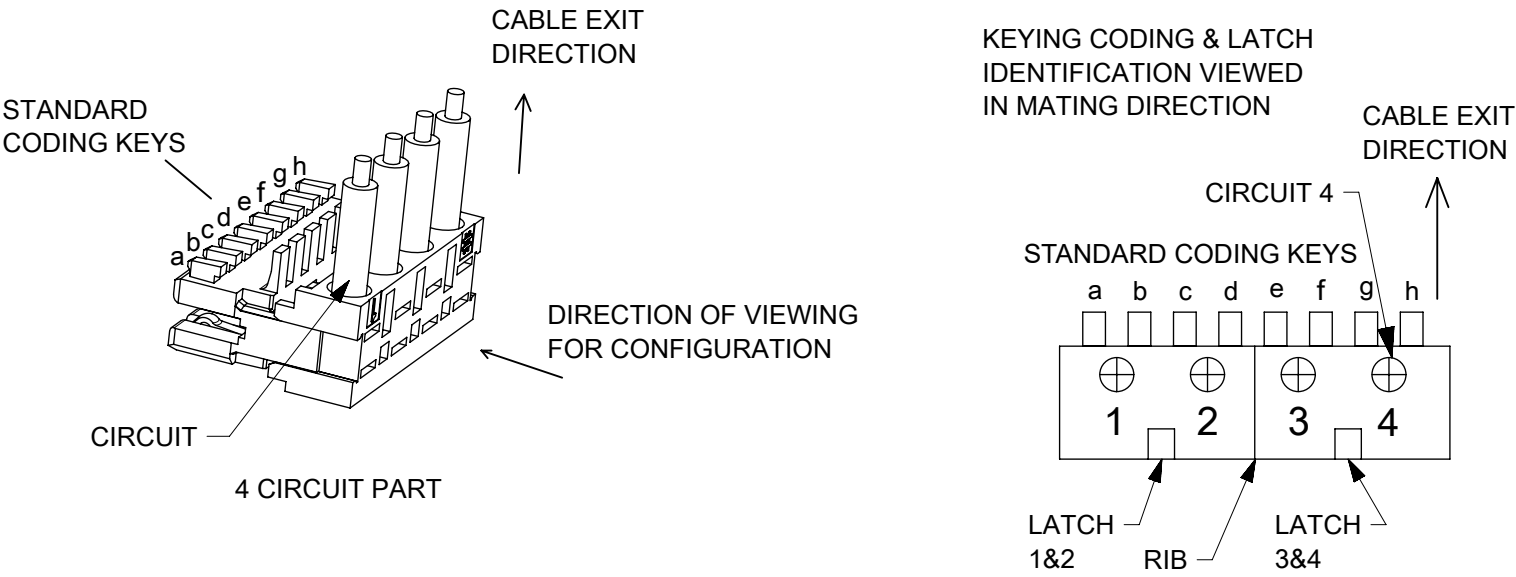
PART NUMBER	HOUSING USED	TERMINAL No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	FIRST ENDWALL	LAST ENDWALL	COLOUR STRIPE
220958-1001	220850-0003	93268-0004	NONE	NONE	⊕ ⊕ ⊕ 123	NONE	NONE	OPEN	OPEN	NONE



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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)								
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 761927 DRWN: RAHULH3 2023/09/14 CHK'D: RAHULH3 2023/09/18 APPR: MRAMAKRISHNA 2023/09/19											
ANGULAR TOL ± 0.5 °															
4 PLACES		±													
3 PLACES		± 0.05													
2 PLACES		± 0.1													
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING											
0 PLACES		±													
INITIAL REVISION: DRWN: MBN02 2022/05/30 APPR: MRAMAKRISHNA 2023/02/08				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
				2209580001		PSD		000		A2					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
						A2-SIZE		220958		SEE TABLE		GENERAL MARKET		5 OF 9	

4 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	FIRST ENDWALL	LAST ENDWALL	COLOUR STRIPE
220958-2001	220850-0004	93268-0004	NONE	NONE	⊕ ⊕ ⊕ ⊕ 1234	NONE	NONE	OPEN	OPEN	NONE



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DIMENSION UNITS		SCALE	CURRENT REV DESC:			molex					
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 761927 DRWN: RAHULH3 2023/09/14 CHK'D: RAHULH3 2023/09/18 APPR: MRAMAKRISHNA 2023/09/19 INITIAL REVISION: DRWN: MBN02 2022/05/30 APPR: MRAMAKRISHNA 2023/02/08			R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)					
ANGULAR TOL	±	0.5 °				PRODUCT CUSTOMER DRAWING					
4 PLACES	±					DOCUMENT NUMBER 2209580001 DOC TYPE PSD DOC PART 000 REVISION A2					
3 PLACES	±	0.05									
2 PLACES	±	0.1									
1 PLACE	±	0.2									
0 PLACES	±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
				A2-SIZE	220958	SEE TABLE	GENERAL MARKET		6 OF 9		

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/19	05:47:59
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6 CIRCUIT										
PART NUMBER	HOUSING USED	TERMINAL No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	FIRST ENDWALL	LAST ENDWALL	COLOUR STRIPE
220958-4001	220850-0006	93268-0004	NONE	NONE	⊕ ⊕ ⊕ ⊕ ⊕ ⊕ 123456	NONE	NONE	OPEN	OPEN	NONE

7 CIRCUIT										
PART NUMBER	HOUSING USED	TERMINAL No.	TERMINAL VOID POSITION	REMOVED CODING KEYS	CONFIGURATION	LATCH BETWEEN	POLARIZING RIB BETWEEN	FIRST ENDWALL	LAST ENDWALL	COLOUR STRIPE
220958-5001	220850-0007	93268-0004	NONE	NONE	⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ 1234567	NONE	NONE	OPEN	OPEN	NONE

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DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex R POWER 10 A, 0.75MM2 BLACK LATI 5MM TERMINAL PITCH (MATL: NYLON PA66)											
mm	1:1																
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL	± 0.5 °																
4 PLACES	±	EC NO: 761927 DRWN: RAHULH3 2023/09/14 CHK'D: RAHULH3 2023/09/18 APPR: MRAMAKRISHNA 2023/09/19				PRODUCT CUSTOMER DRAWING											
3 PLACES	± 0.05					DOCUMENT NUMBER 2209580001 DOC TYPE PSD DOC PART 000 REVISION A2											
2 PLACES	± 0.1																
1 PLACE	± 0.2	INITIAL REVISION: DRWN: MBN02 2022/05/30 APPR: MRAMAKRISHNA 2023/02/08															
0 PLACES	±																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER									
			A2-SIZE	220958	SEE TABLE	GENERAL MARKET		8 OF 9									

