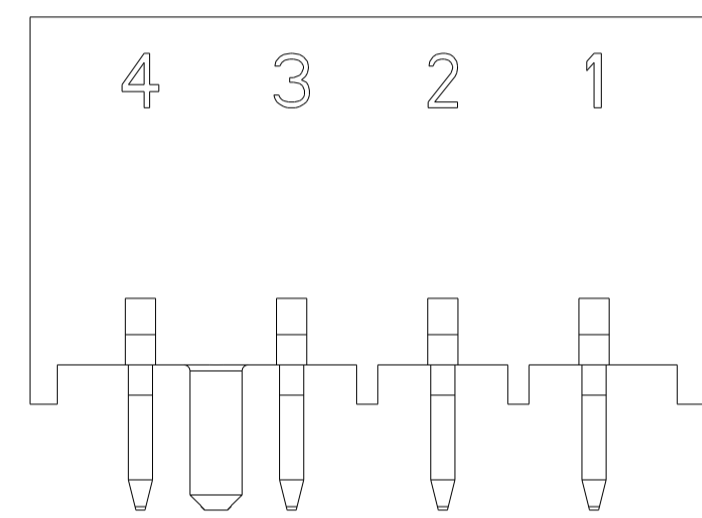
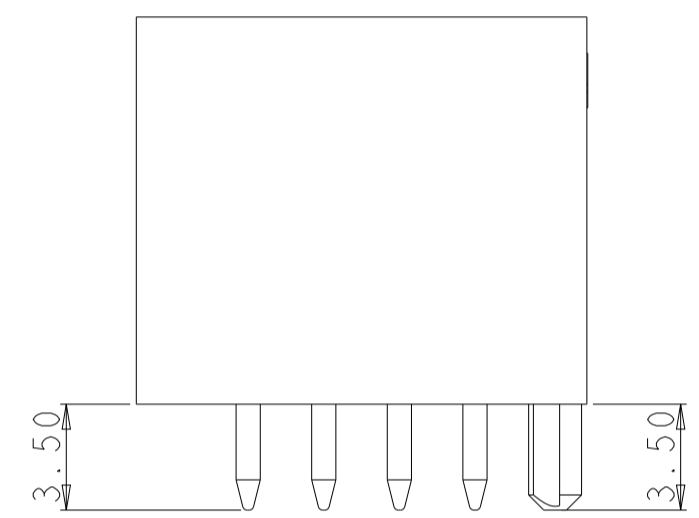
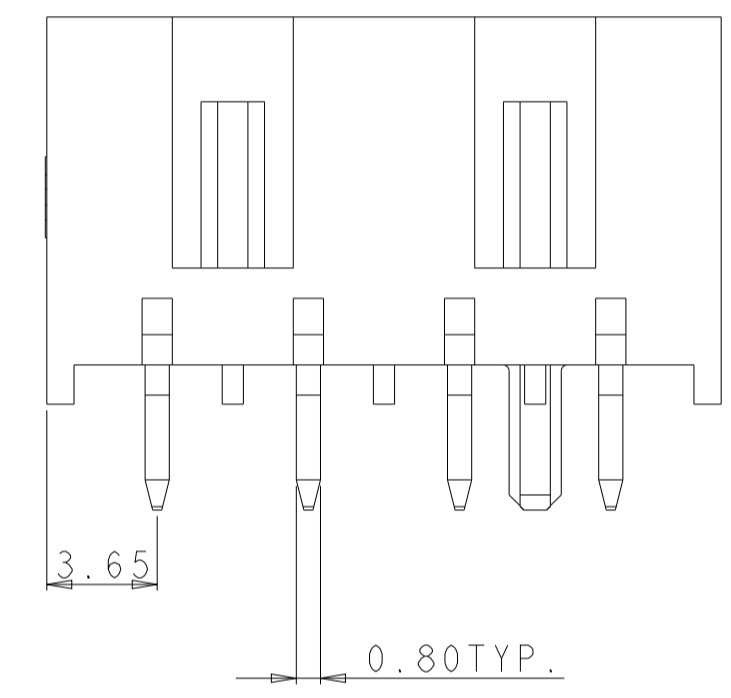
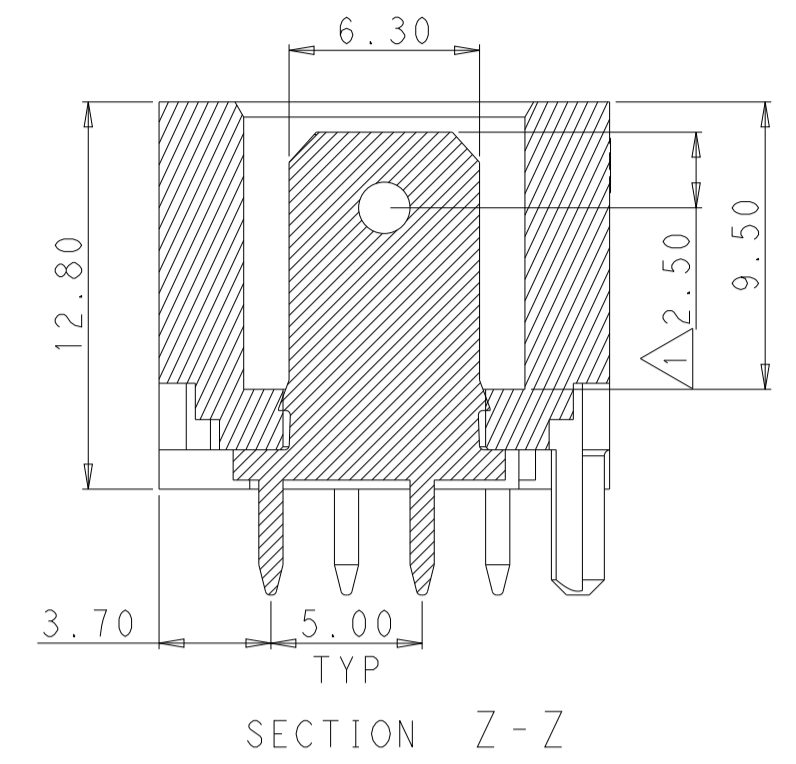
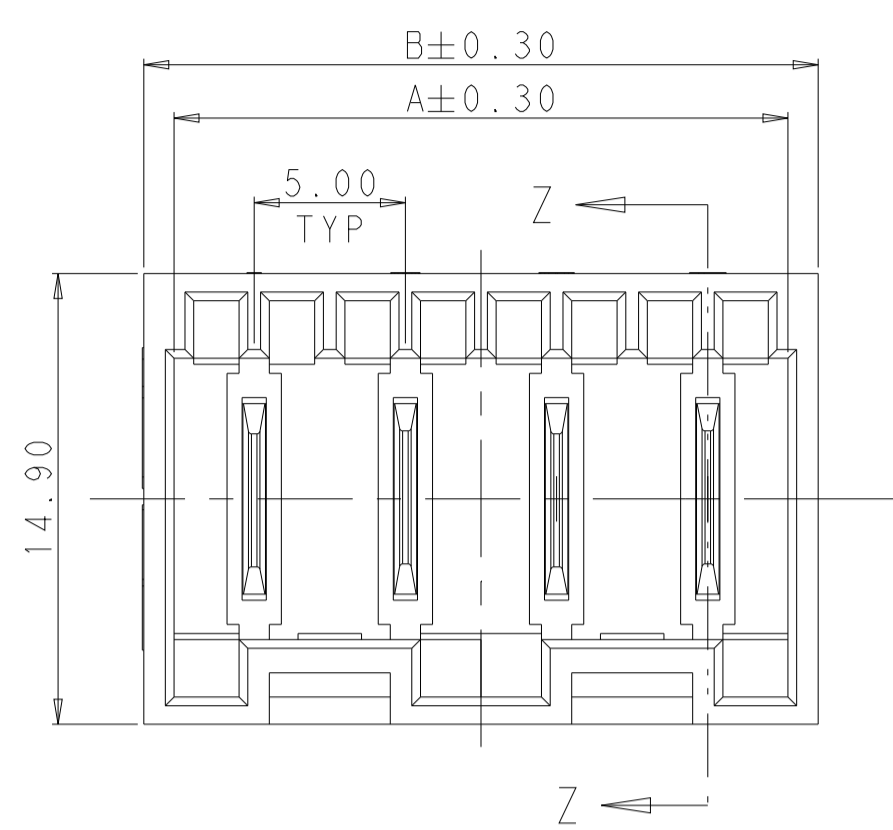
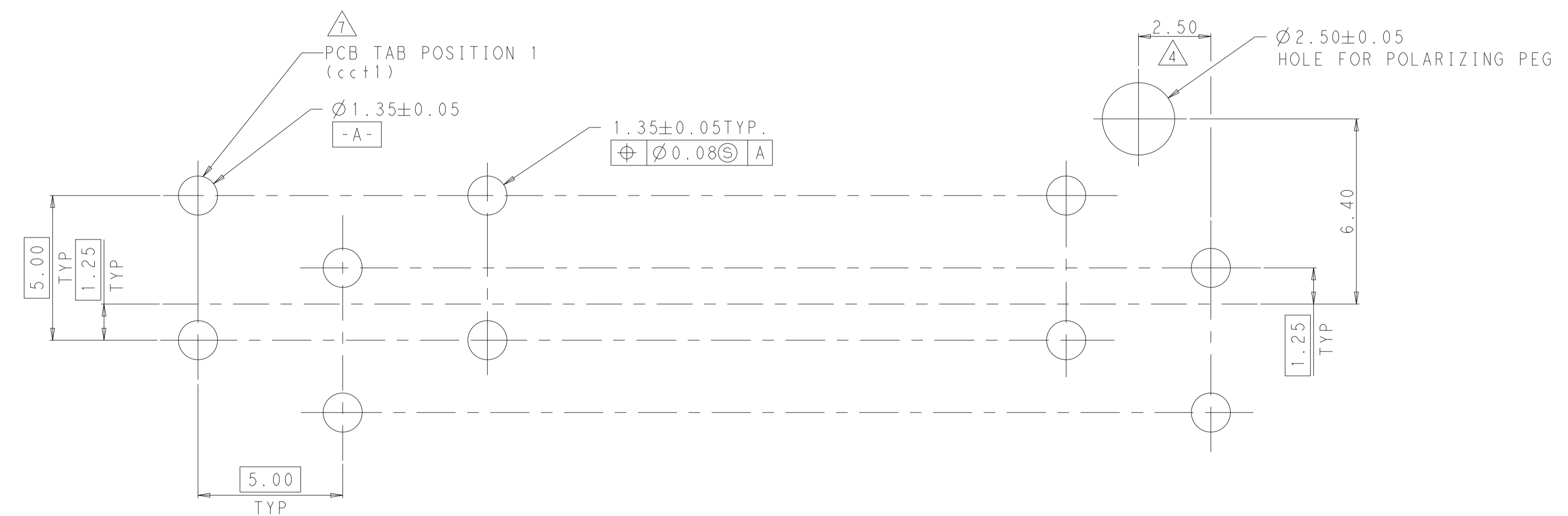
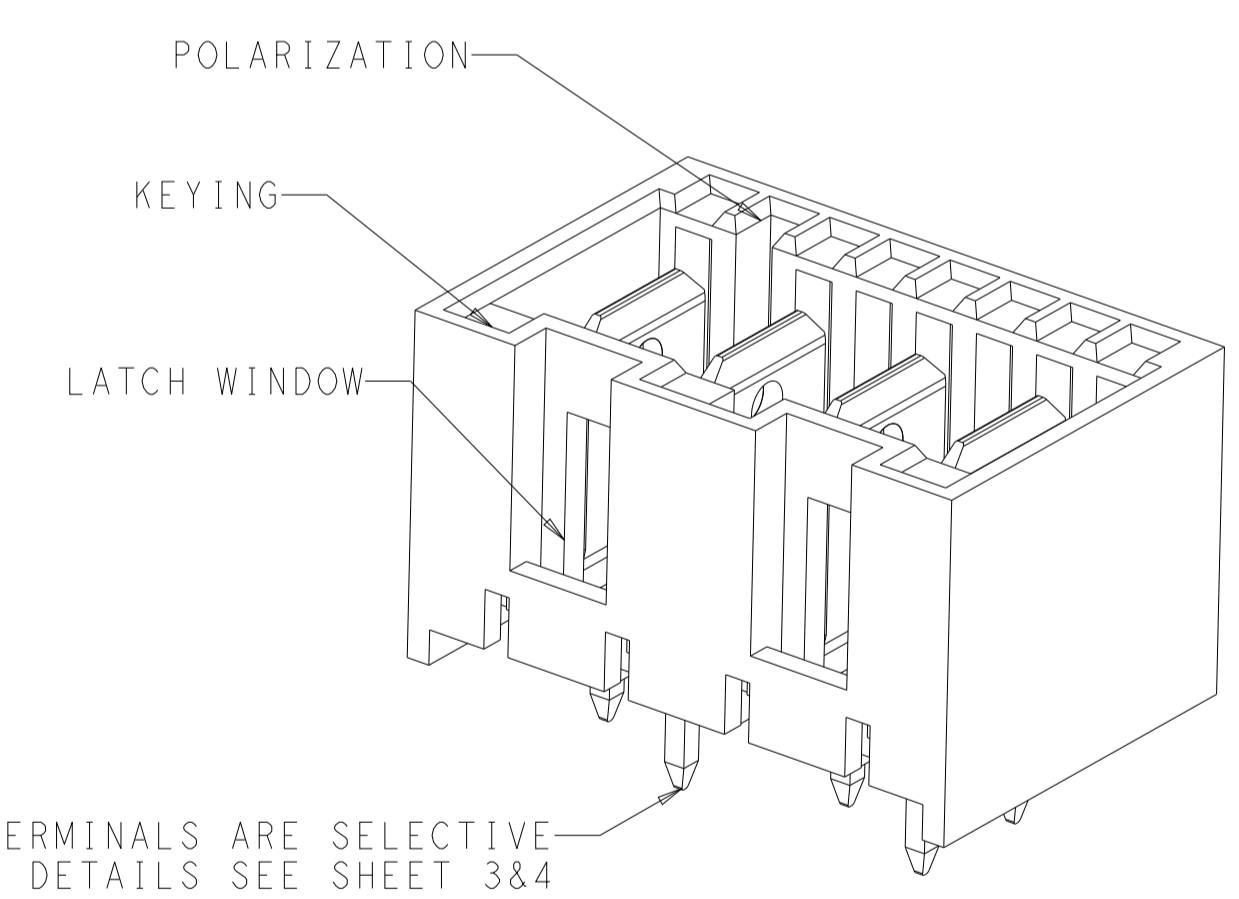


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
A1	ECO-19-016533		31OCT2019	SM	FL		
B	ECR-21-100869		31MAR2021	PJ	FL		
B1	ECR-21-118862		05NOV2021	SM	FL		



1. HOUSING HAS RAST 5 COMPLIANT KEYING, LATCHING, AND POLARIZATION. TAB IS 6.3 x 0.8, HOWEVER, THE LOCATION OF THE TAB HOLE DOES NOT MEET DIN 46244.
 2. RECOMMENDED MATING CONNECTOR FAMILIES INCLUDE POSITIVE-LOCK RAST 5, STANDARD TIMER RAST 5, MULTIFITTING, MULTIFITTING MKII, AND MONO-SHAPE TAB CONNECTORS.
 3. SEE SHEET 2&3 FOR AVAILABLE CONFIGURATIONS.
 4. DIMENSION OFF OF LAST POSITION REGARDLESS OF EVEN OR ODD POSITION CONNECTOR.
 5. MATERIAL: HOUSING, NYLON, UL 94V-0. CONTACT, BRASS, 0.8mm THICK.
 6. FINISH: CONTACTS, TIN PLATING OVER NICKEL UNDERPLATING SILVER PLATING OVER NICKEL UNDERPLATING.
 7. PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH POSITION 1.
 8. THE PART NUMBERS SHOWN IN SHEET 2&3&4 ARE FOR NATURAL COLOR. THE PART NUMBERS FOR OTHER COLORS ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR. THE DETAILS SEE SHEET 5.
 9. PACKAGING: LOOSE PIECE OR TUBE. THE PART NUMBERS IN THIS DRAWING ARE WITH LOOSE PICE PACKAGING. PLEASE CONTACT TE SALES REPRESENTATIVES FOR TUBE PACKAGING REQUIREMENT.
 10. PRODUCT COMPLY WITH GLOW WIRE REQUIREMENTS FOR PARTS OF NON-METALLIC MATERIAL SUPPORTING A CURRENT-CARRYING CONNECTION DETAILED IN IEC 60335-1, SECTION 30 (GWT).
- ⚠️ TOOL MARK ON TERMINAL SURFACE IS ACCEPTABLE WHICH DOES NOT IMPACT FUNCTION



PCB LAYOUT-COMPONENT SIDE
 PCB IS 1.50±0.20 THICK

42.3	40.3	8
37.3	35.3	7
32.3	30.3	6
27.3	25.3	5
22.3	20.3	4
17.3	15.3	3
12.3	10.3	2
B	A	NO. OF POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN DANIEL ZHANG 02AUG2013	CHK DANIEL ZHANG 02AUG2013	APVD YUHONG MAO 02AUG2013	NAME
mm	0 PLC ±	TE Connectivity			ASSEMBLY, POSITIVE LOCK RAST 5, HEADER VERTICAL, SELECTIVE TAB TERMINALS
	1 PLC ±0.25	PRODUCT SPEC			
	2 PLC ±	APPLICATION SPEC			SIZE
	3 PLC ±	MATERIAL			CAGE CODE
	4 PLC ±	WEIGHT			DRAWING NO
	ANGLES	Customer Drawing			RESTRICTED TO
	FINISH	SCALE 4:1			SHEET 1 OF 4
		A100779			REV B1

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LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION		DATE	OWN	APVD	
-	-	SEE SHEET 1		-	-	-	

COLOR	FINISH TAB POST	LOADED TAB POSITIONS	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER
NATURAL	SILVER PLATED	1, 3	2-3	1c, 1d, 2c, 3d	2b, 3b	3	1-2232614-3
		1, 3	1-2	1c, 3d	3b	3	2232614-3

COLOR	FINISH TAB POST	LOADED TAB POSITIONS	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER
NATURAL	TIN PLATED	1, 3	2-3	1c, 1d, 2c, 3d	2b, 3b	3	1-2232612-3
		1, 3	1-2	1c, 3d	3b	3	2232612-3

COLOR	FINISH TAB POST	LOADED TAB POSITIONS	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER
NATURAL	SILVER PLATED	1, 4, 5, 6, 7, 8	1-2, 7-8	2d, 3c, 6d, 7c	-	8	2232613-8
		1, 3, 5, 7	1-2, 4-5, 6-7	3c, 5d, 6c, 7d	1a, 2a, 4a, 4b, 5b, 6a, 6b, 7b	7	1-2232613-7
		1, 2, 4, 5, 6, 7	1-2, 6-7	3d, 7d	5b	7	2232613-7
		1, 3, 5, 6	1-2, 4-5	3c, 6d	1b	6	2232613-6
		1, 2, 4, 5	1-2, 3-4	1c, 2d, 3c, 5d	1a, 5b	5	3-2232613-5
		1, 3, 5	2-3	3d, 4c	1a, 5b	5	2-2232613-5
		1, 2, 4, 5	1-2, 3-4	2d, 5d	2b	5	1-2232613-5
		1, 3, 4, 5	1-2, 4-5	2d	2b	5	2232613-5
		1, 2, 4	1-2, 3-4	3c, 4d	1b	4	1-2232613-4
		1, 3, 4	1-2, 3-4	3c, 4d	1b	4	2232613-4
		1, 3	2-3	-	-	3	9-2232613-3
		1, 3	2-3	1d, 3d	2a	3	8-2232613-3
		1, 3	1-2	1c, 3c	3b	3	7-2232613-3
		1, 3	1-2	1c, 2d	1b, 2b	3	6-2232613-3
		1, 3	1-2	1c	1a, 3a	3	5-2232613-3
		1, 3	2-3	1c, 3d	3b	3	4-2232613-3
		1, 3	2-3	1d, 3d	3b	3	3-2232613-3
		1, 3	1-2	3c	1a	3	2-2232613-3
		1, 3	2-3	1d, 2c	2b, 3b	3	1-2232613-3
		1, 3	1-2	1c, 2d	1b	3	2232613-3

COLOR	FINISH TAB POST	LOADED TAB POSITIONS	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER
NATURAL	TIN PLATED	1, 4, 5, 6, 7, 8	1-2, 7-8	2d, 3c, 6d, 7c	-	8	2232611-8
		1, 3, 5, 7	1-2, 4-5, 6-7	3c, 5d, 6c, 7d	1a, 2a, 4a, 4b, 5b, 6a, 6b, 7b	7	1-2232611-7
		1, 2, 4, 5, 6, 7	1-2, 6-7	3d, 7d	5b	7	2232611-7
		1, 3, 5, 6	1-2, 4-5	3c, 6d	1b	6	2232611-6
		1, 2, 4, 5	1-2, 3-4	1c, 2d, 3c, 5d	1a, 5b	5	3-2232611-5
		1, 3, 5	2-3	3d, 4c	1a, 5b	5	2-2232611-5
		1, 2, 4, 5	1-2, 3-4	2d, 5d	2b	5	1-2232611-5
		1, 3, 4, 5	1-2, 4-5	2d	2b	5	2232611-5
		1, 2, 4	1-2, 3-4	3c, 4d	1b	4	1-2232611-4
		1, 3, 4	1-2, 3-4	3c, 4d	1b	4	2232611-4
		1, 3	2-3	-	-	3	9-2232611-3
		1, 3	2-3	1d, 3d	2a	3	8-2232611-3
		1, 3	1-2	1c, 3c	3b	3	7-2232611-3
		1, 3	1-2	1c, 2d	1b, 2b	3	6-2232611-3
		1, 3	1-2	1c	1a, 3a	3	5-2232611-3
		1, 3	2-3	1c, 3d	3b	3	4-2232611-3
		1, 3	2-3	1d, 3d	3b	3	3-2232611-3
		1, 3	1-2	3c	1a	3	2-2232611-3
		1, 3	2-3	1d, 2c	2b, 3b	3	1-2232611-3
		1, 3	1-2	1c, 2d	1b	3	2232611-3

THIS DRAWING IS A CONTROLLED DOCUMENT.

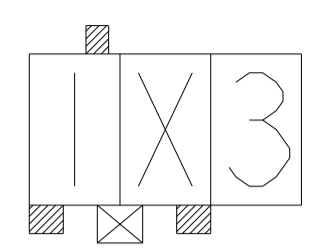
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 1 PLC ±
 2 PLC ±
 3 PLC ±
 4 PLC ±
 ANGLES ±
 FINISH

MATERIAL: -
 WEIGHT: -
 Customer Drawing

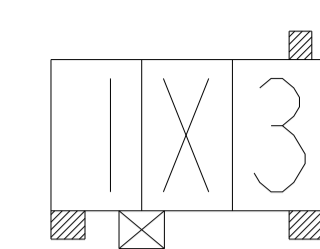
DWN: DANIEL ZHANG 02AUG2013
 CHK: DANIEL ZHANG 02AUG2013
 APVD: YUHONG MAO 02AUG2013
 NAME: ASSEMBLY, POSITIVE LOCK RAST 5, HEADER VERTICAL, SELECTIVE TAB TERMINALS
 SIZE: A1
 CAGE CODE: -
 DRAWING NO: 2232611
 SCALE: NA
 SHEET: 2 OF 4
 REV: B1

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 TE Connectivity

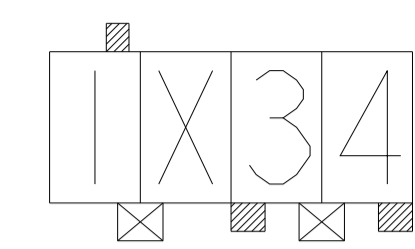
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P	LTN	DESCRIPTION	DATE	DMN	APVD		
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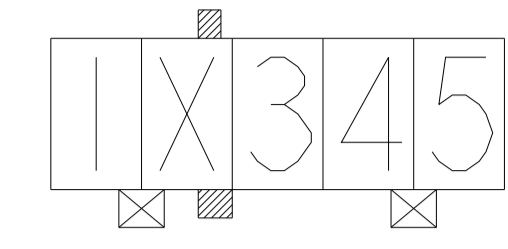
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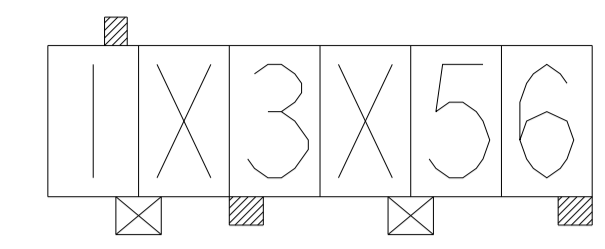
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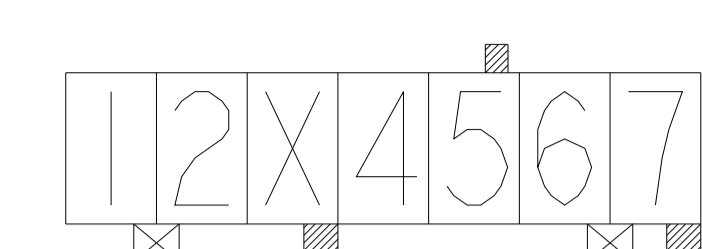
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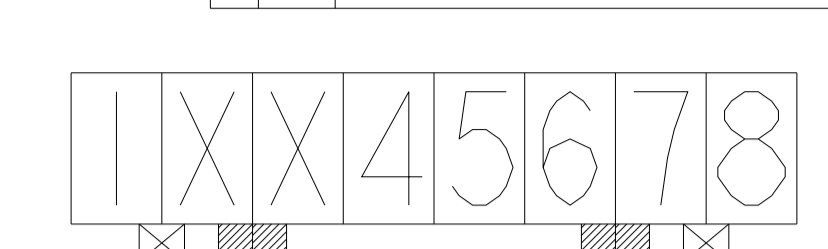
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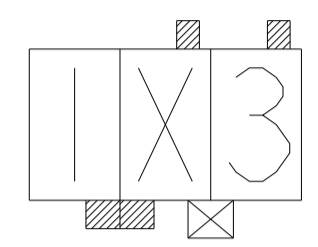
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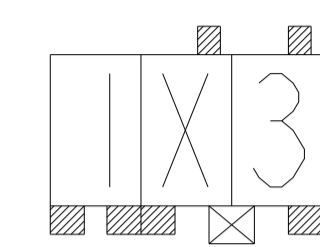
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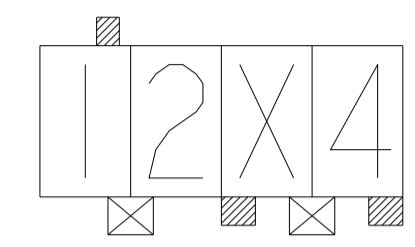
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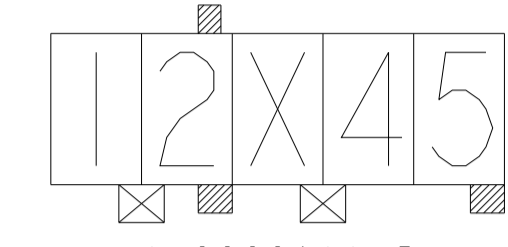
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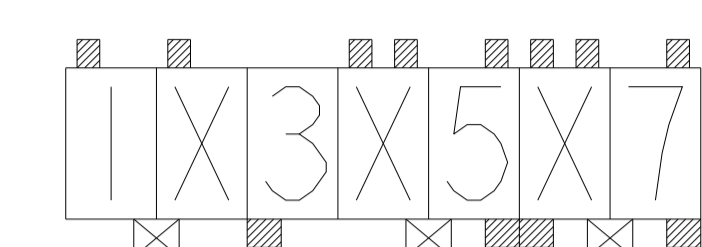
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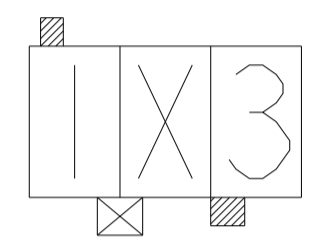
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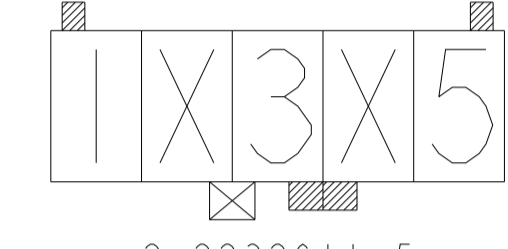
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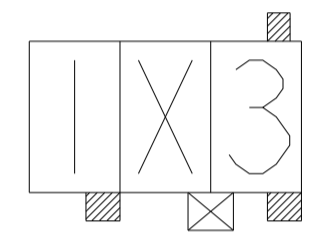
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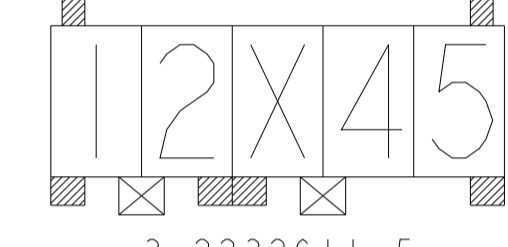
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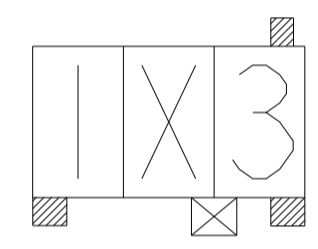
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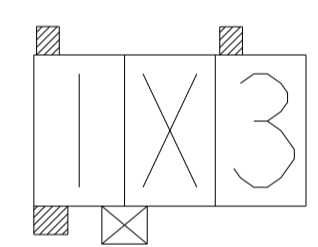
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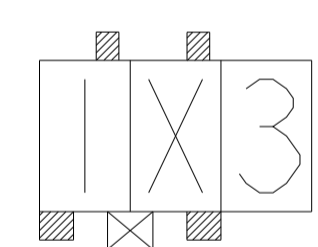
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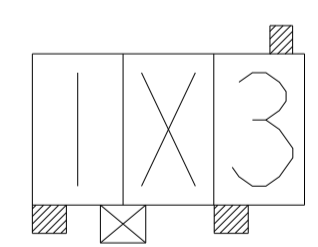
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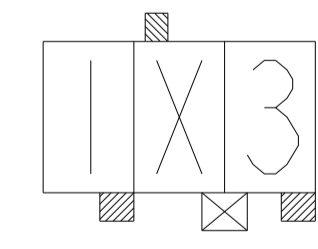
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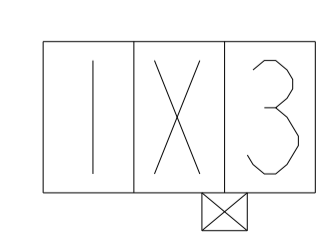
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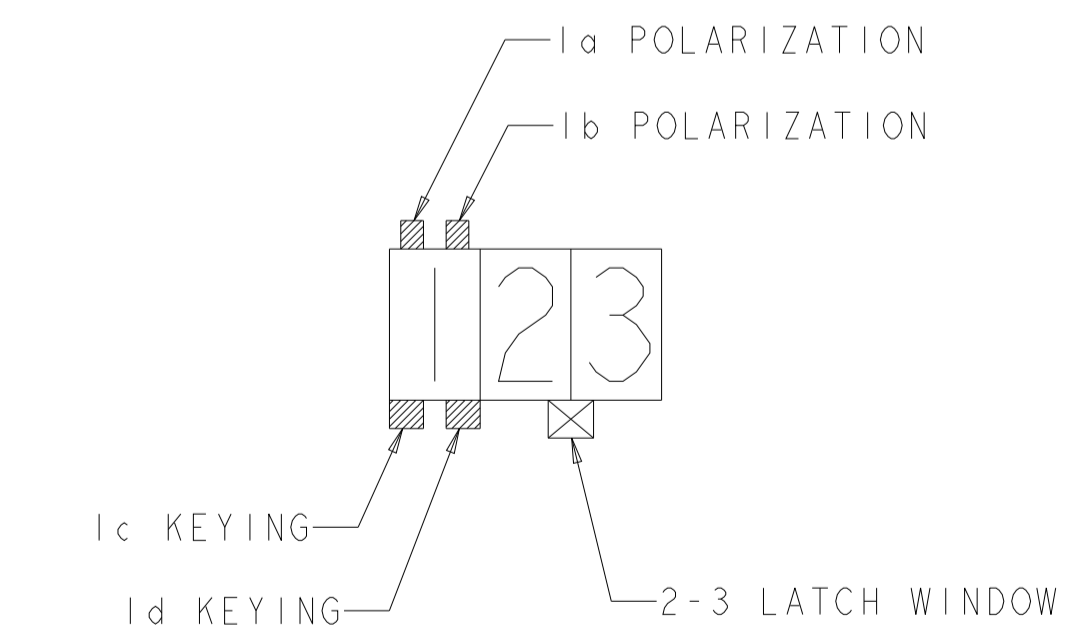
7-2232611-3
7-2232613-3



8-2232611-3
8-2232613-3



9-2232611-3
9-2232613-3



NOTES:
 1. "X" MEANS "NO TAB TERMINAL LOADED".
 2. "NUMBER(1-9)" MEANS "TAB TERMINAL LOADED".

PICTORIAL VIEW KEY

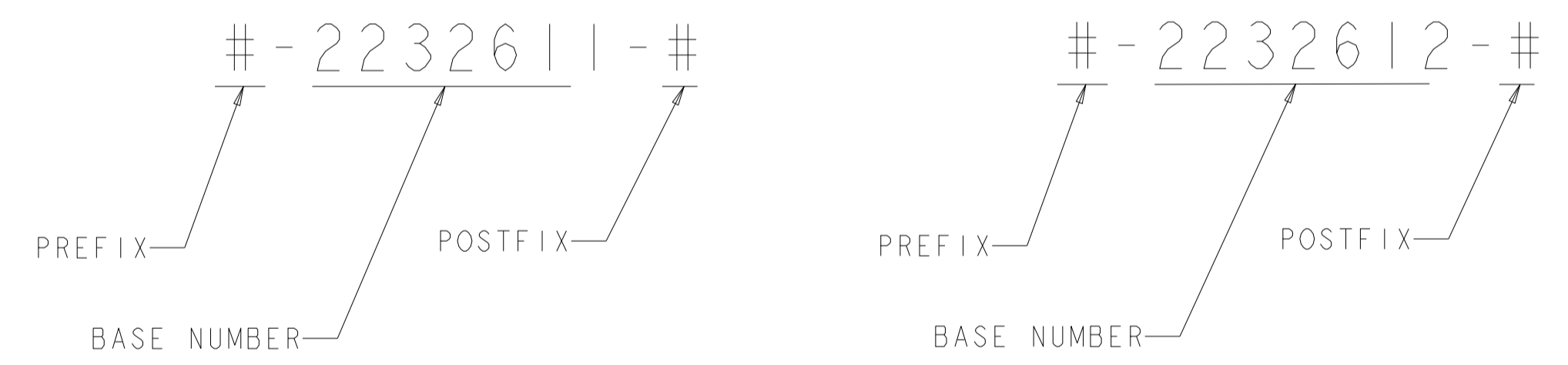
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN DANIEL ZHANG 02AUG2013	TE Connectivity
		CHK DANIEL ZHANG 02AUG2013	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD YUHONG MAO 02AUG2013	NAME ASSEMBLY, POSITIVE LOCK
mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC	RAST 5, HEADER
		APPLICATION SPEC	VERTICAL, SELECTIVE TAB TERMINALS
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO RESTRICTED TO
		Customer Drawing	A100779C=2232611
			SCALE NA SHEET 3 OF 4 REV B1

LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		

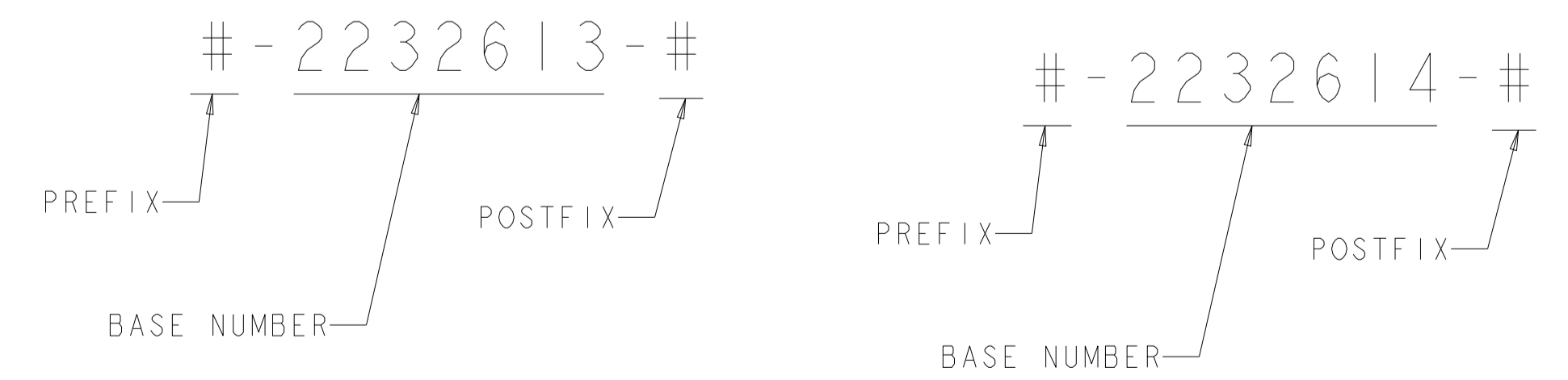
NOTES:
 1. FOR TAB HEADER COLOR CHOICE, THERE ARE EIGHT COLORS AVAILABLE, BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE P/N OF THE COLOR TAB HEADER ARE BASED ON THE NATURAL TAB HEADER, THE PREFIX AND POSTFIX ARE THE SAME.
 2. MORE INFORMATION SEE COMMENTS IN RIGHT COLUMN OF BELOW CHART.

COLOR	PART NUMBER OF THE HOUSING		PART NUMBER OF TAB HEADER				COMMENTS
			WITH TIN PLATED CONTACT		WITH SILVER PLATED CONTACT		
NATURAL	*-1971849-*	*-1971893-*	#-2232611-#	#-2232612-#	#-2232613-#	#-2232614-#	THE DETAILS OF CONFIGURATION SEE SHEET 3&4.
RED	*-1971942-*	*-1971944-*	#-2232615-#	#-2232616-#	#-2232617-#	#-2232618-#	IF THE PREFIX AND POSTFIX NUMBERS OF DIFFERENT COLOR HEADER ARE SAME AS THE ONES OF THE NATURAL TAB HEADER AND THEY ARE IN SAME COLUMN, SO THEY SHOULD HAVE THE SAME CONFIGURATION: SAME KEYING, POLARIZATION AND LATCH WINDOW.
BLUE	*-1971950-*	*-1971952-*	#-2232619-#	#-2232620-#	#-2232621-#	#-2232622-#	
YELLOW	*-2232012-*	*-2232014-*	#-2232623-#	#-2232624-#	#-2232625-#	#-2232626-#	FOR DIFFERENT BASE NUMBER OF SAME COLOR HEADER, ONLY DIFFERENCE IS CONFIGURATION (KEYING, POLARIZATION AND LATCH WINDOW).
BLACK	*-2232004-*	*-2232006-*	#-2232627-#	#-2232628-#	#-2232629-#	#-2232630-#	
GREY	*-2232020-*	*-2232022-*	#-2232631-#	#-2232632-#	#-2232633-#	#-2232634-#	THE RELATED HOUSING PART NUMBERS OF DIFFERENT COLOR TAB HEADER ARE ALSO BASED ON NATURAL HOUSING, ONLY THE BASE NUMBER IS DIFFERENT, THE DETAILS SEE BOM IN SHEET 2,3&4.
GREEN	*-1971958-*	*-1971960-*	#-2232635-#	#-2232636-#	#-2232637-#	#-2232638-#	
PURPLE	*-2232028-*	*-2232030-*	#-2232639-#	#-2232640-#	#-2232641-#	#-2232642-#	THE "*" AND "#" CAN BE THE NUMBER FROM 0 TO 9.
WHITE	*-2232293-*	*-2232295-*	#-2232643-#	#-2232644-#	#-2232645-#	#-2232646-#	

**PART NUMBERS OF NATURAL COLOR TAB HEADER WITH TIN PLATED:



**PART NUMBERS OF NATURAL COLOR TAB HEADER WITH SILVER PLATED:



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN DANIEL ZHANG 02AUG2013	TE Connectivity
DIMENSIONS: mm		CHK DANIEL ZHANG 02AUG2013	
		APVD YUHONG MAO 02AUG2013	NAME ASSEMBLY, POSITIVE LOCK RAST 5, HEADER VERTICAL, SELECTIVE TAB TERMINALS
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
0 PLC ±		APPLICATION SPEC	A100779C=2232611
1 PLC ±			WEIGHT -
2 PLC ±			Customer Drawing
3 PLC ±			SCALE NA SHEET 4 OF 4 REV B1
4 PLC ±			
ANGLES ±			
FINISH ±			