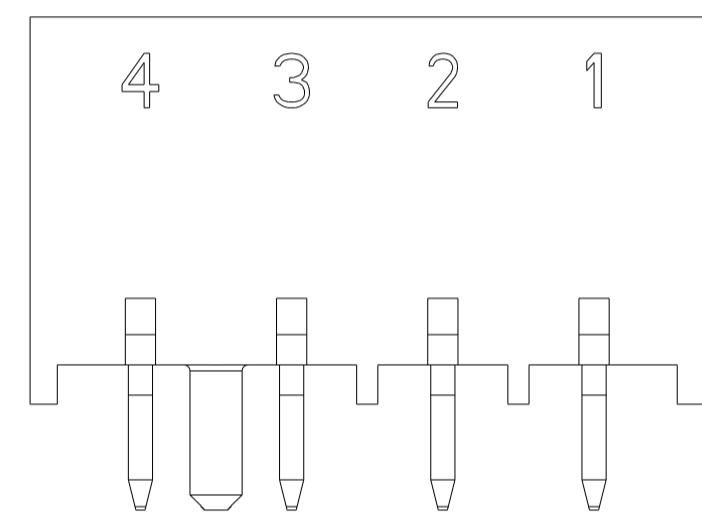
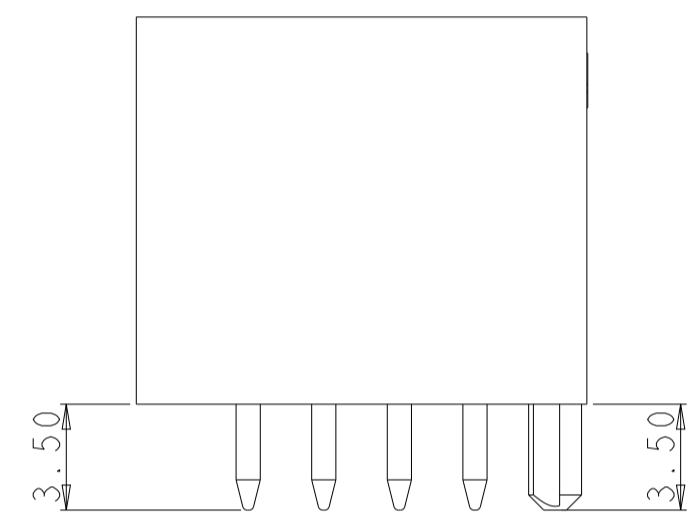
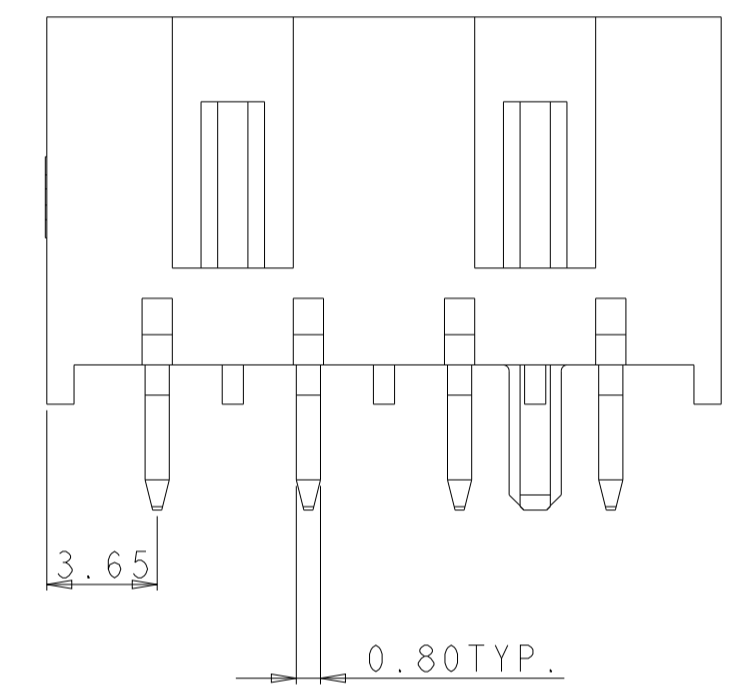
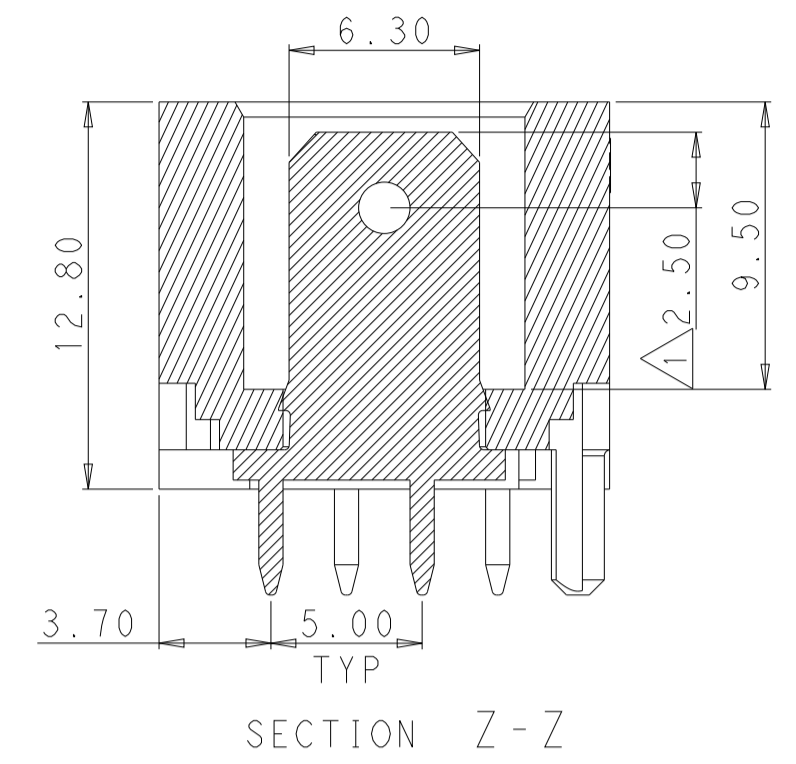
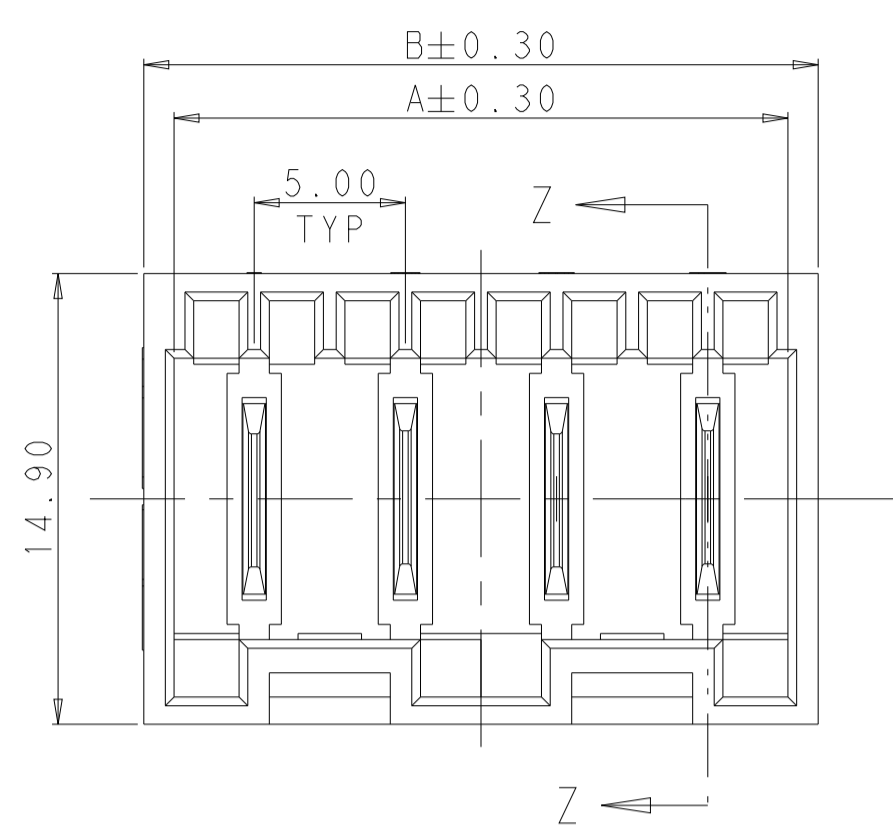
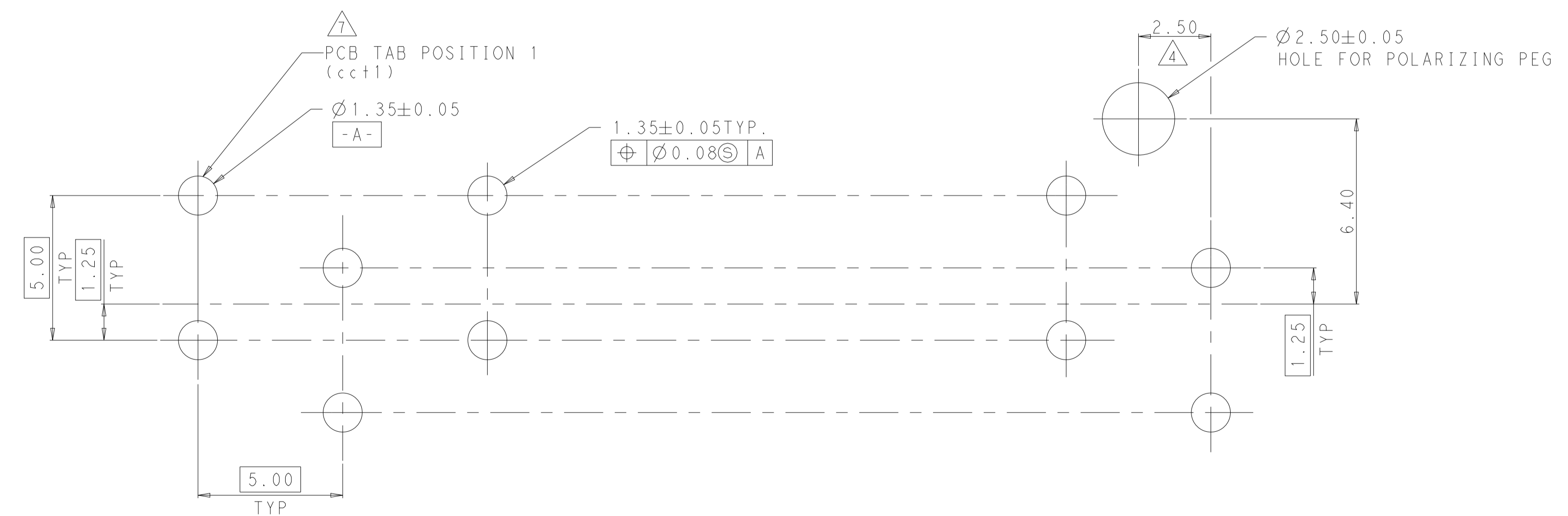
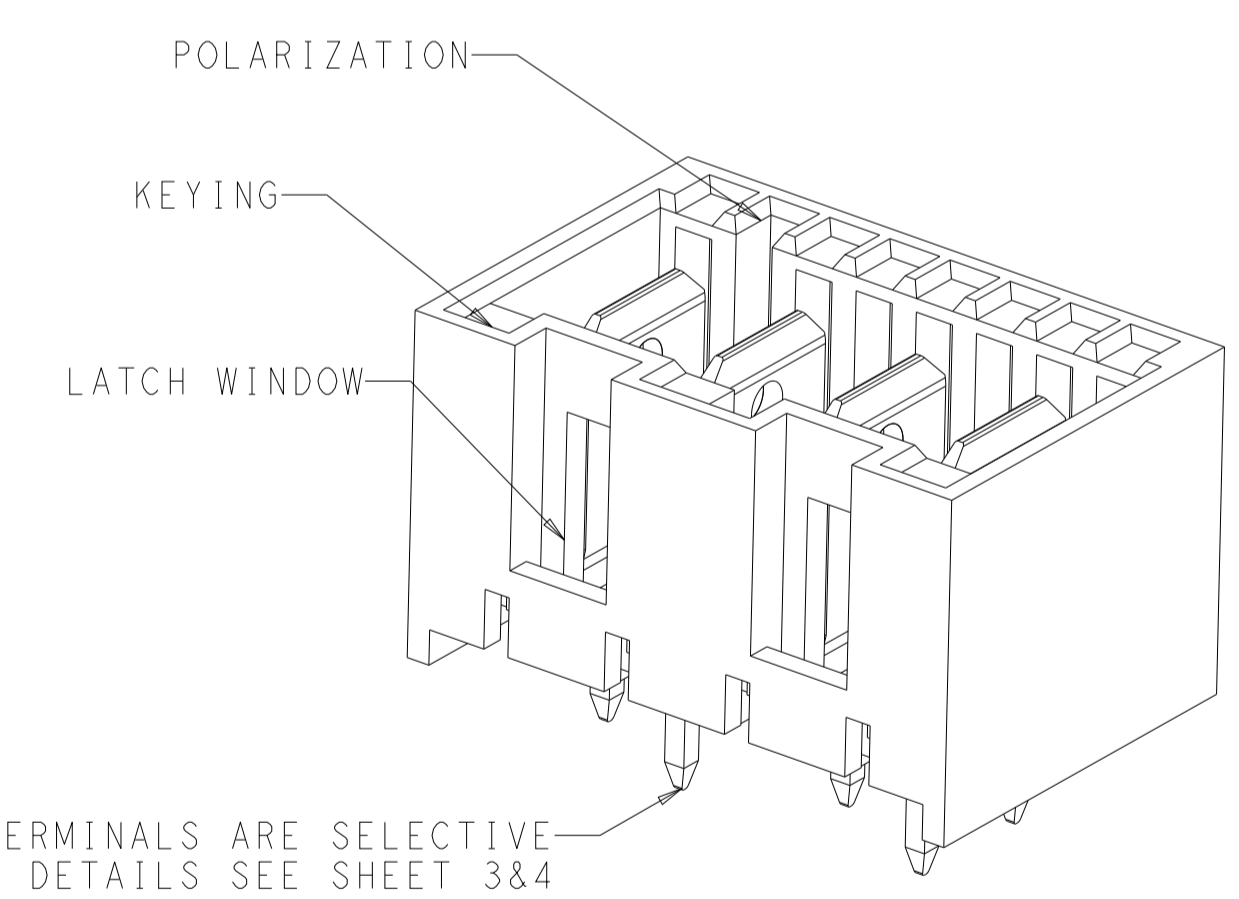


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
A1	ECO-19-016533		31OCT2019	SM	FL		
B	ECR-21-100869		31MAR2021	PJ	FL		
B1	ECR-21-118862		05NOV2021	SM	FL		



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: DANIEL ZHANG
mm	0 PLC ± 1 PLC ± 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± FINISH	PRODUCT SPEC	APPLICATION SPEC	SIZE	CAGE CODE
MATERIAL		108-106080		A100779	DRAWING NO. C=2232611
		Customer Drawing	SCALE 4:1	SHEET 1 OF 4	REV B1

TE Connectivity

ASSEMBLY, POSITIVE LOCK  
 RAST 5, HEADER  
 VERTICAL, SELECTIVE TAB TERMINALS

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL: -

APPROVED: DANIEL ZHANG 02AUG2013  
 CHECKED: DANIEL ZHANG 02AUG2013  
 APVD: YUHONG MAO 02AUG2013

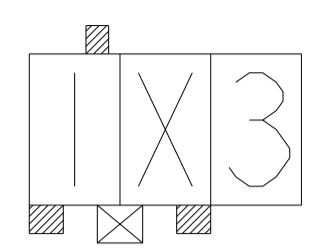
NAME: ASSEMBLY, POSITIVE LOCK  
 RAST 5, HEADER  
 VERTICAL, SELECTIVE TAB TERMINALS

SIZE: A1 CAGE CODE: DRAWING NO: 2232611 RESTRICTED TO: -

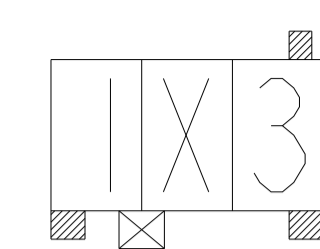
WEIGHT: -

Customer Drawing SCALE: NA SHEET 2 OF 4 REV: B1

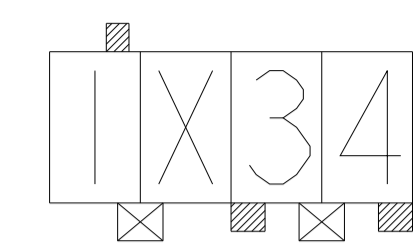
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		



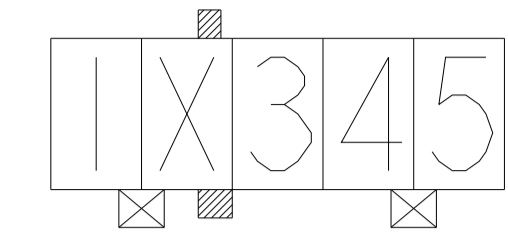
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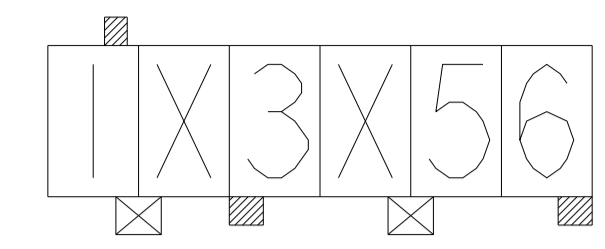
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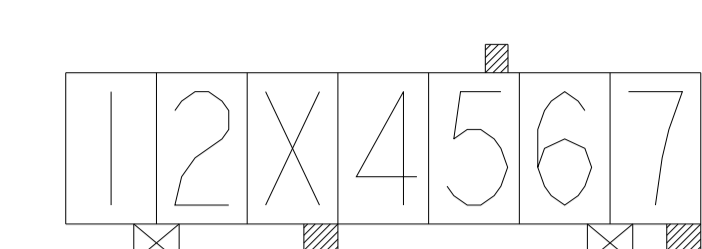
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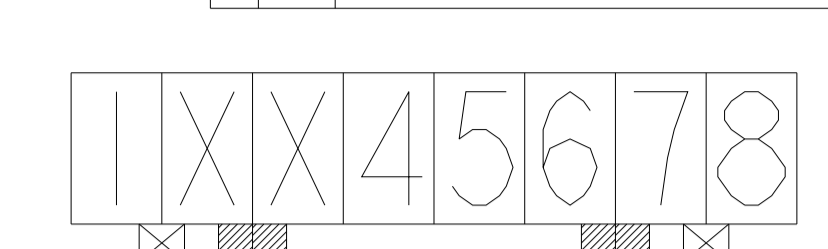
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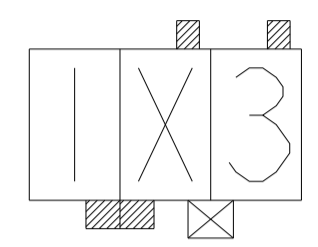
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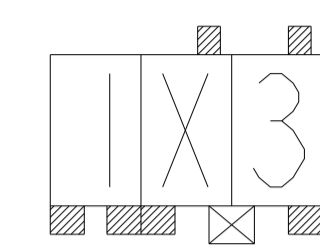
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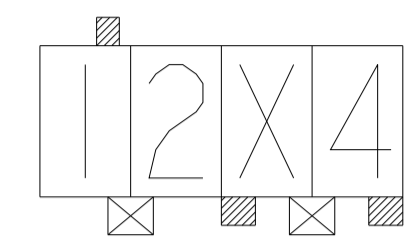
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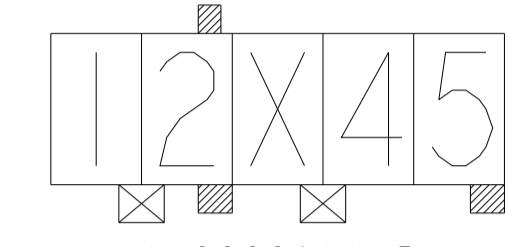
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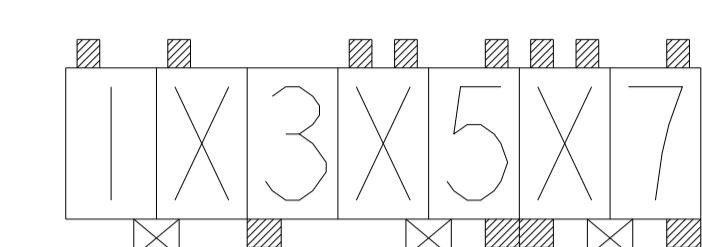
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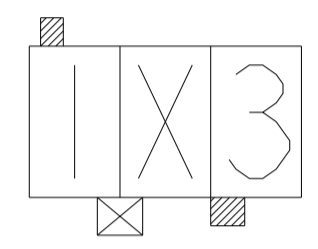
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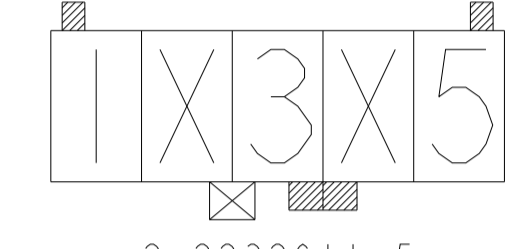
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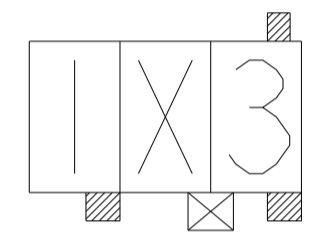
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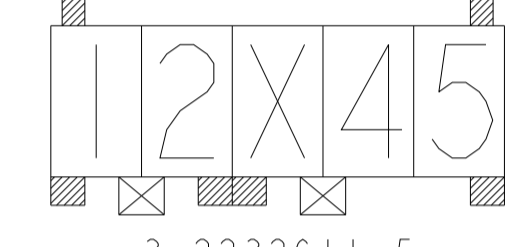
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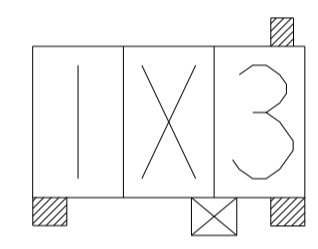
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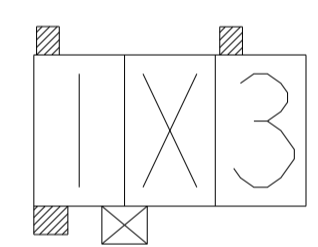
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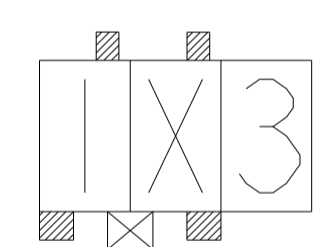
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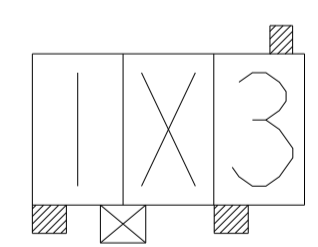
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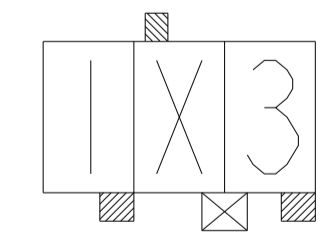
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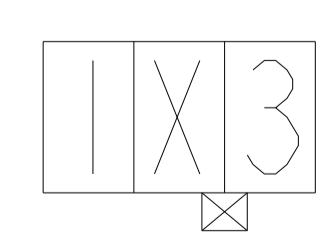
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6-2232613-3



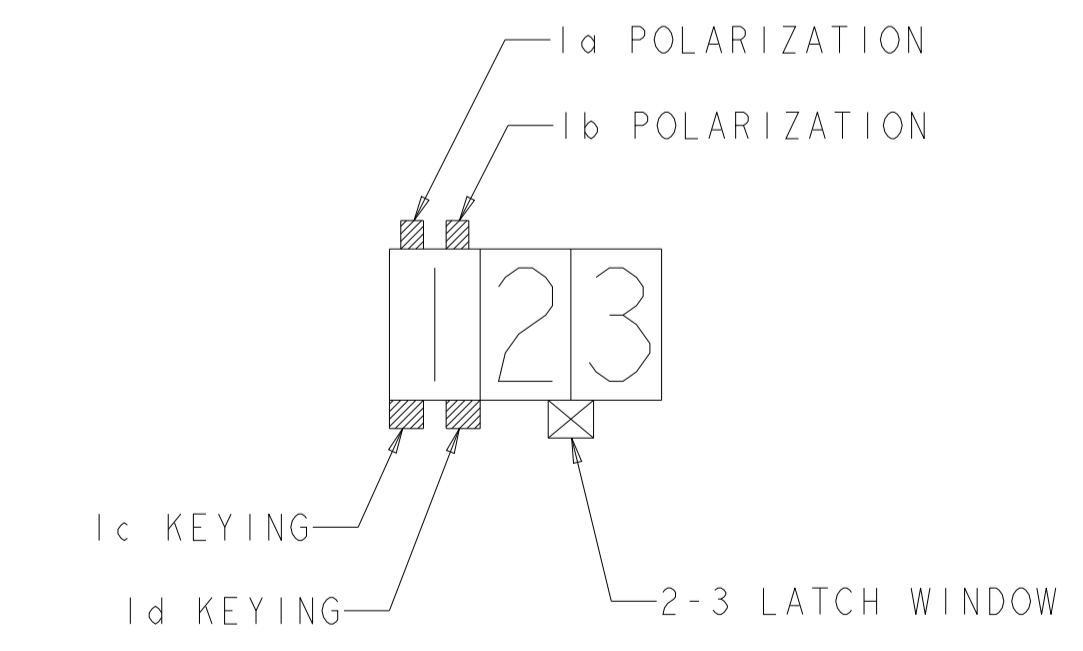
7-2232611-3  
7-2232613-3



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

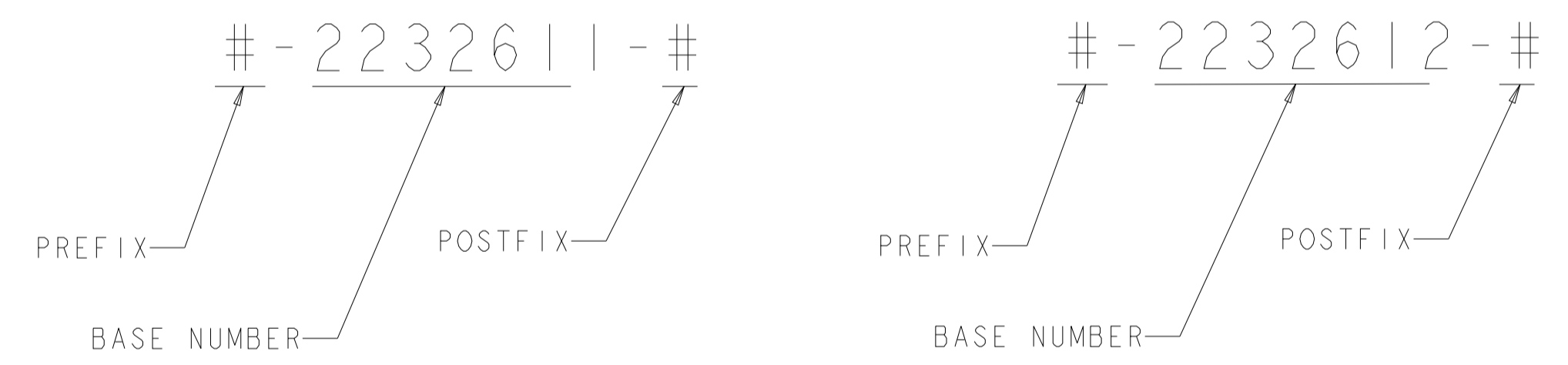
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20  
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

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

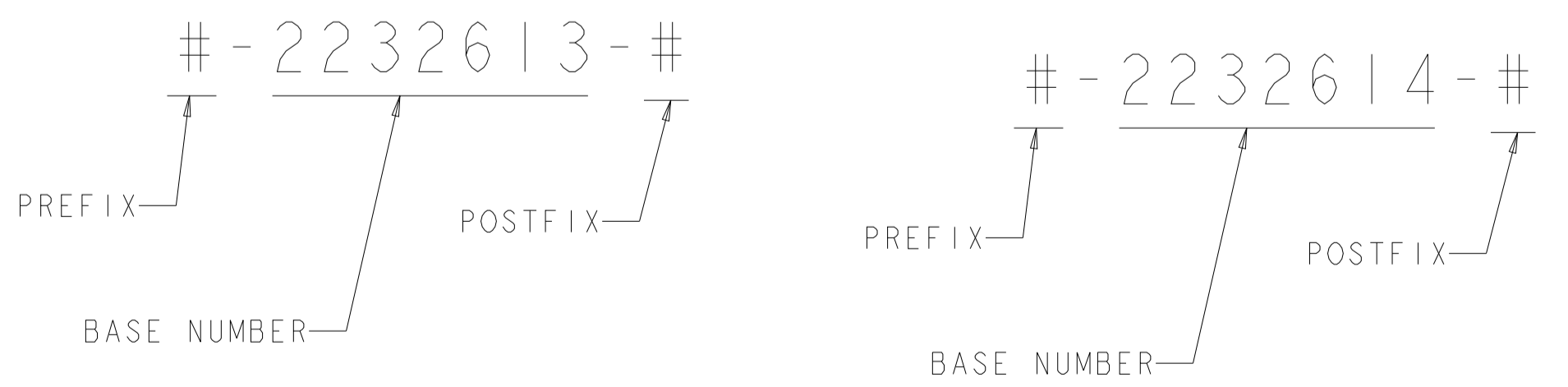
NOTES:  
 1. FOR TAB HEADER COLOR CHOICE, THERE ARE EIGHT COLORS AVAILABLE, BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE P/N OF THE COLOR TAB HEADER ARE BASED ON THE NATURAL TAB HEADER, THE PREFIX AND POSTFIX ARE THE SAME.  
 2. 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	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		APVD YUHONG MAO 02AUG2013	NAME ASSEMBLY, POSITIVE LOCK RAST 5, HEADER VERTICAL, SELECTIVE TAB TERMINALS
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
Customer Drawing		SCALE NA	SHEET 4 OF 4 REV B1