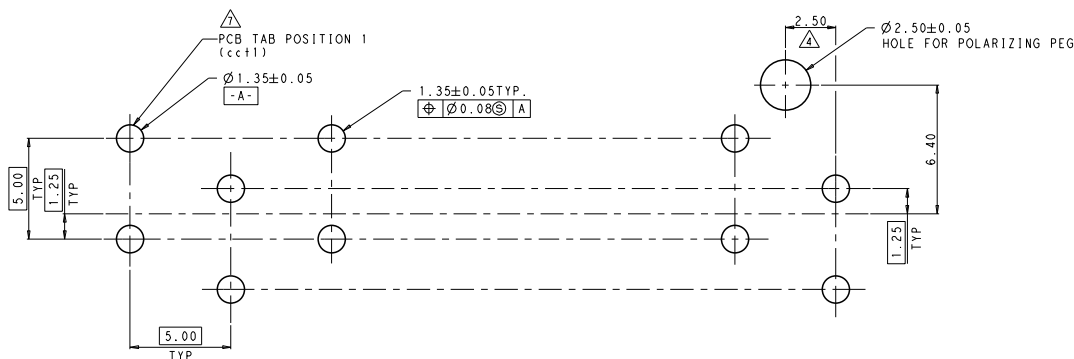
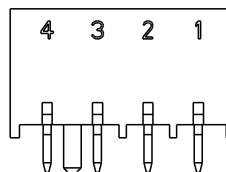
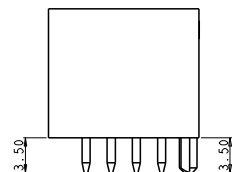
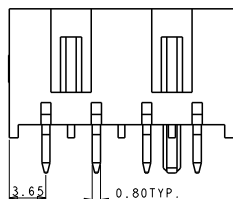
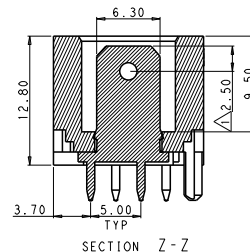
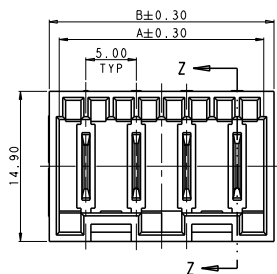


REV	DATE	DESCRIPTION	DATE	BY	APPD
A4	22NOV2016	ECR-16-016543			



PCB LAYOUT-COMPONENT SIDE
PCB IS 1.50±0.20 THICK

△ 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 .

△ DIMENSION OFF OF LAST POSITION REGARDLESS OF EVEN
OR ODD POSITION HEADER.

△ MATERIAL: HOUSING, NYLON, UL 94V-0.
CONTACT, BRASS, 0.8mm THICK.

△ FINISH: CONTACTS, TIN PLATING OVER NICKEL UNDERPLATING
SILVER PLATING OVER NICKEL UNDERPLATING.

△ PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH
POSITION 1.

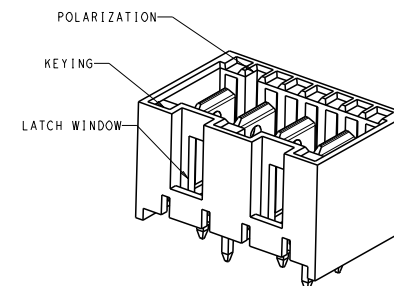
8. THE PART NUMBERS SHOWN IN SHEET 2&3 ARE FOR NATURAL COLOR.
THE PART NUMBERS FOR OTHER COLORS ARE BASED ON THE NATURAL ONE;
FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME.
ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR.
THE DETAILS SEE SHEET 4.

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).

△ PRELIMINARY, NOT FOR PRODUCTION.

△ PART NUMBERS WITH TUBE PACKAGING.



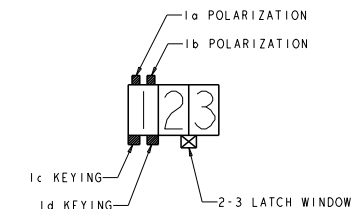
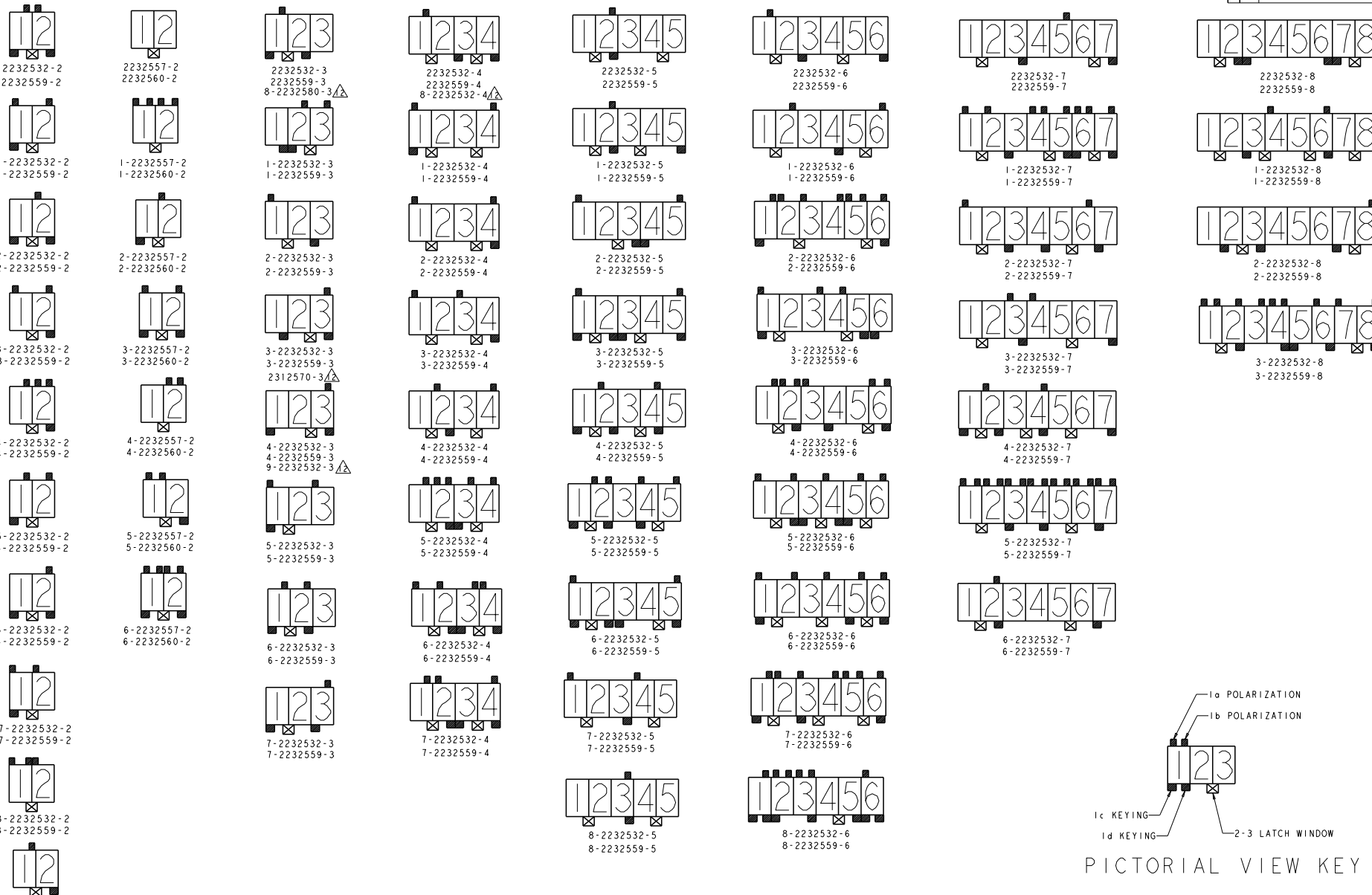
42.3	40.3	8
37.3	35.3	7
32.3	30.3	6
27.3	25.3	5
22.3	20.3	4
17.3	15.3	3
12.3	10.3	2
B	A	NO. OF POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 02AUG2013	
DRAWN BY: DANIEL ZHANG		CHECKED BY: DANIEL ZHANG	
DATE: 02AUG2013		DATE: 02AUG2013	
PRODUCT SPEC: 108-106080		APPLICATION SPEC: 108-106080	
MATERIAL: NYLON		FINISH: -	
WEIGHT: -		SCALE: 8:1	
Customer Drawing		Customer Drawing	

TE Connectivity	
ASSEMBLY: POSITIVE LOCK	
RAST 5, HEADER	
VERTICAL	
SIZE: 100779	
CAGE CODE: 2232532	
RESTRICTED TO: -	
REV: A4	

8		7		6		5		4		3		2		1	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20											
COPYRIGHT 20 BY		ALL RIGHTS RESERVED													

REV	DATE	REVISIONS	
		DESCRIPTION	DATE
1	20230801	SEE SHEET 1	



PICTORIAL VIEW KEY

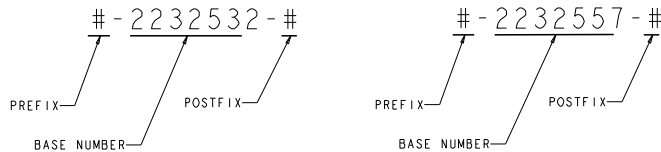
THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 20230801	BY: DANIEL ZHANG
DRAWN BY: DANIEL ZHANG		DATE: 20230801	CHK: DANIEL ZHANG
CHECKED BY: LIUJING MAO		DATE: 20230801	APP: LIUJING MAO
PRODUCT SPEC		NAME: ASSEMBLY POSITIVE LOCK RAST 5, HEADER VERTICAL	
APPLICATION SPEC		SIZE: CASE CODE DRAWING NO	
MATERIAL		100779	
FINISH		SCALE: 8:1	
Customer Drawing		SHEET 3 OF 4	

LOC	DIST	REVISIONS			
		P	REV	DESCRIPTION	DATE
		-	-	SEE SHEET 1	-

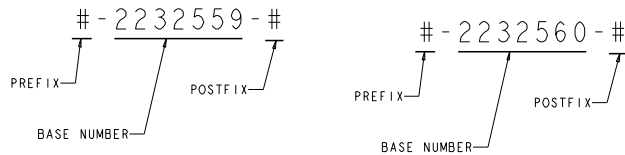
NOTES:
1. FOR TAB HEADER COLOR CHOICE, THERE ARE EIGHT COLORS AVAILABLE. BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE P/N OF THE COLOR TAB HEADER ARE BASED ON THE NATURAL TAB HEADER, THE PREFIX AND POSTFIX ARE THE SAME.
2. MORE INFORMATION 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-*	#-2232532-#	#-2232557-#	#-2232559-#	#-2232560-#	THE DETAILS OF CONFIGURATION SEE SHEET 5&6.
RED	*-1971942-*	*-1971944-*	#-2232562-#	#-2232563-#	#-2232565-#	#-2232566-#	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-*	#-2232568-#	#-2232569-#	#-2232571-#	#-2232572-#	
YELLOW	*-2232012-*	*-2232014-*	#-2232574-#	#-2232575-#	#-2232577-#	#-2232578-#	FOR DIFFERENT BASE NUMBER OF SAME COLOR HEADER, ONLY DIFFERENCE IS CONFIGURATION (KEYING, POLARIZATION AND LATCH WINDOW).
BLACK	*-2232004-*	*-2232006-*	#-2232580-#	#-2232581-#	#-2232583-#	#-2232584-#	
GREY	*-2232020-*	*-2232022-*	#-2232586-#	#-2232587-#	#-2232589-#	#-2232590-#	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-*	#-2232592-#	#-2232593-#	#-2232595-#	#-2232596-#	
PURPLE	*-2232028-*	*-2232030-*	#-2232598-#	#-2232599-#	#-2232601-#	#-2232602-#	THE "*" AND "#" CAN BE THE NUMBER FROM 0 TO 9.
WHITE	*-2232293-*	*-2232295-*	#-2232604-#	#-2232605-#	#-2232607-#	#-2232608-#	

**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.		DATE: 02AUG2013	TE Connectivity	
DRAWN BY: DANIEL ZHANG		DATE: 02AUG2013	NAME: DANIEL ZHANG	
CHECKED BY: DANIEL ZHANG		DATE: 02AUG2013	NAME: YUJONG MAO	
APPROVED BY: YUJONG MAO		DATE: 02AUG2013	NAME: YUJONG MAO	
PRODUCT SPEC		APPLICATION SPEC		
MATERIAL		FINISH		
WEIGHT		SCALE: 8:1		
Customer Drawing		SHEET 4 OF 4		

ASSEMBLY: POSITIVE LOCK RAST 5, HEADER VERTICAL

SIZE: A1 CASE CODE: 100779 DRAWING NO: 2232532

RESTRICTED TO: A4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-2232532-8](#)