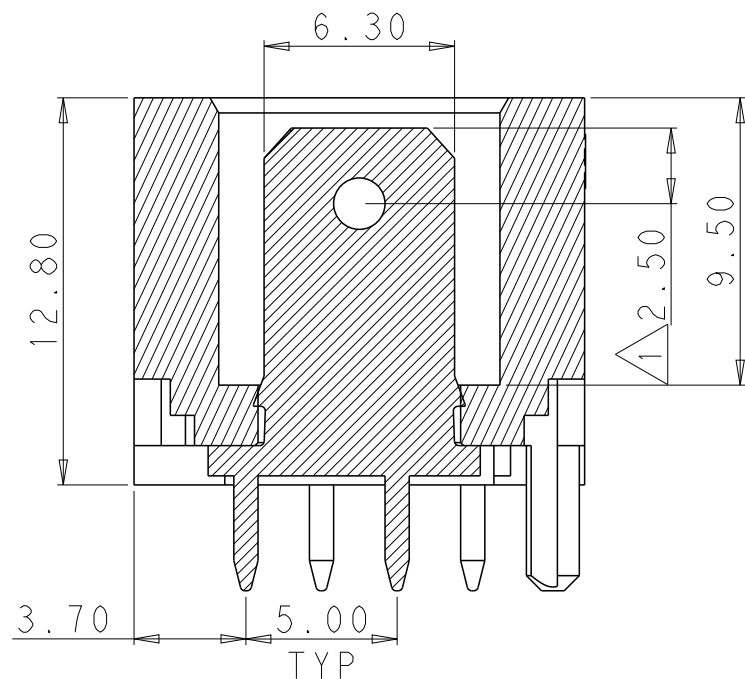
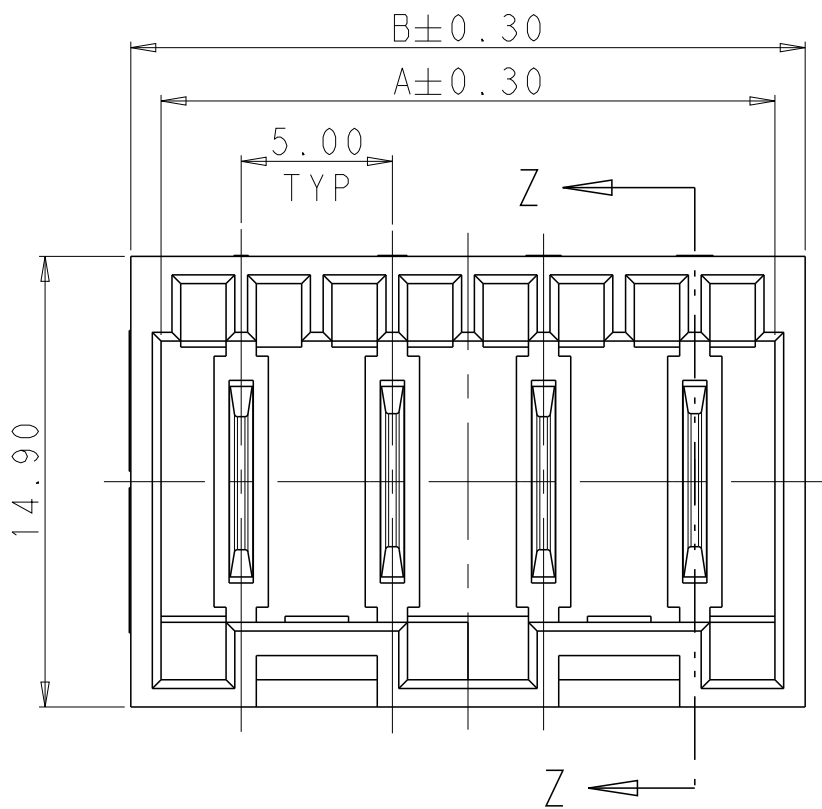
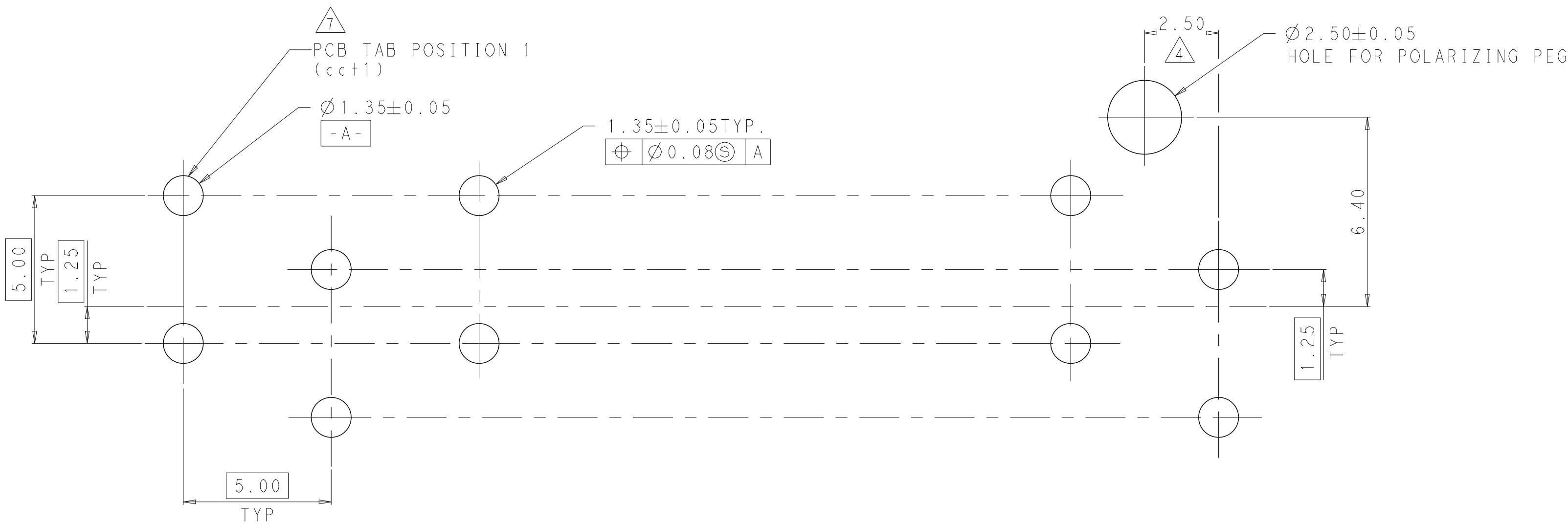
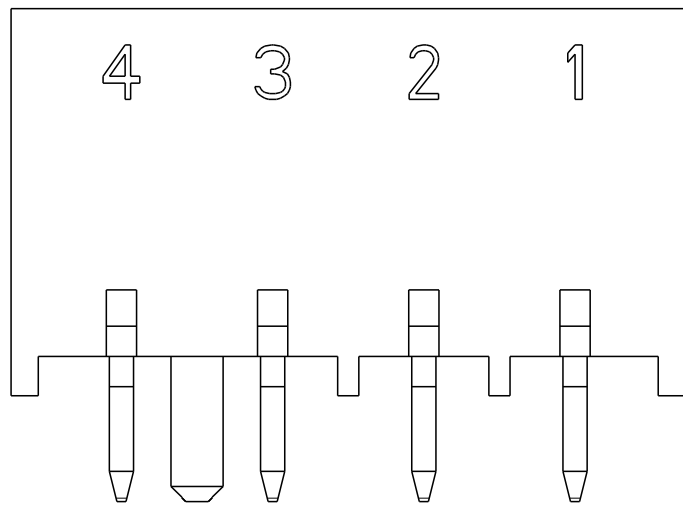
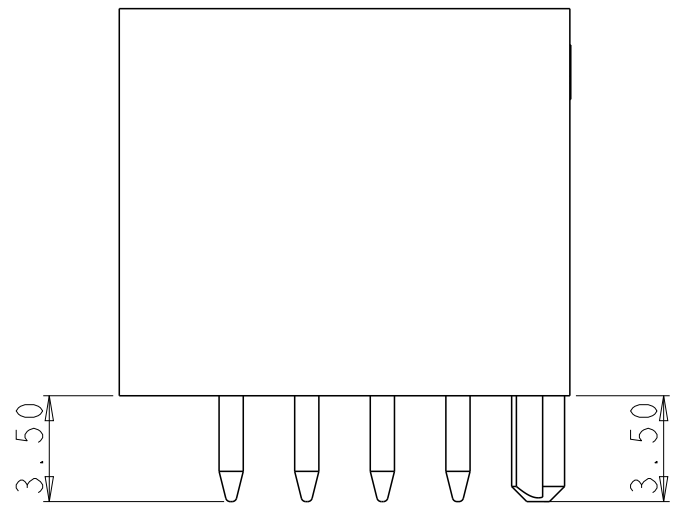
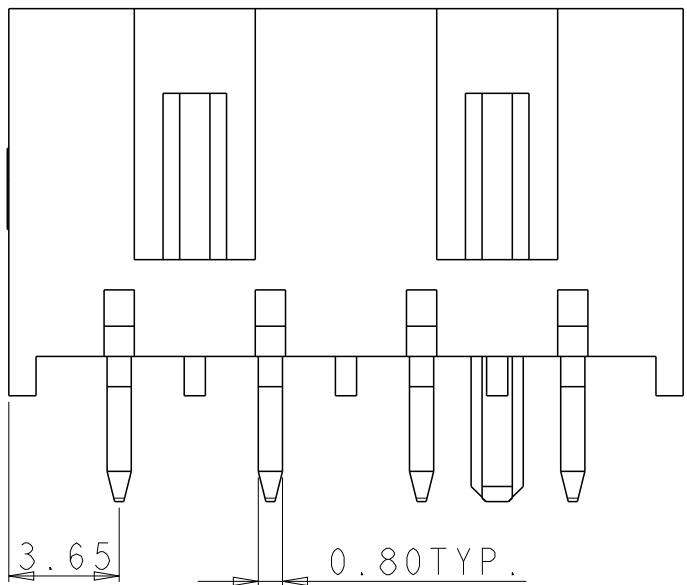


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			A4	ECR-16-016543	22NOV2016	WW	RR
			A5	ECR-19-009802	26JUN2019	KD	FL



SECTION Z-Z



PCB LAYOUT-COMPONENT SIDE
PCB IS 1.50±0.20 THICK

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 HEADER.

5. MATERIAL: HOUSING, NYLON, UL 94V-O. 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.

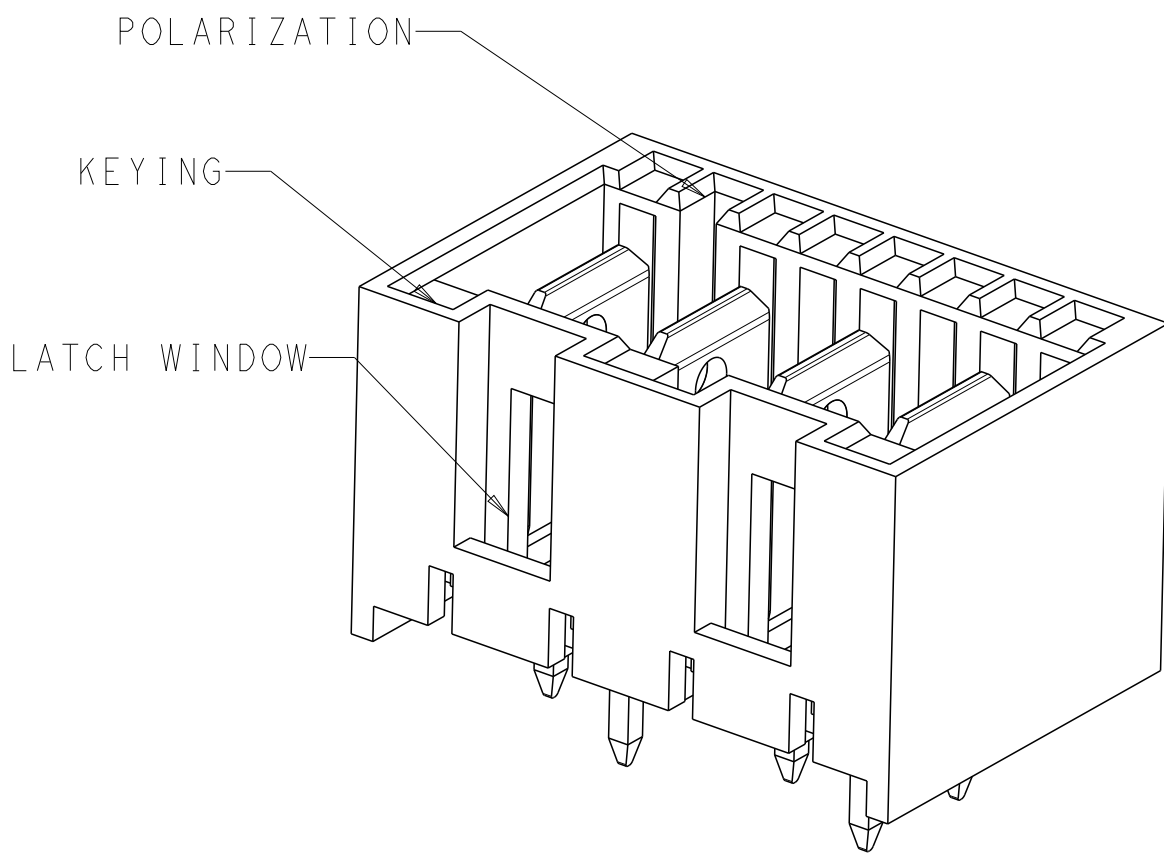
8. THE PART NUMBERS SHOWN IN SHEET 2&3 ARE FOR NATURAL COLOR. THE PART NUMBERS FOR OTHER COLORS ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR. THE DETAILS SEE SHEET 4.

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).

1. PRELIMINARY, NOT FOR PRODUCTION.

2. 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.

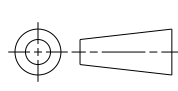
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 02AUG2013 DANIEL ZHANG		 TE Connectivity	
		CHK 02AUG2013 DANIEL ZHANG			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME ASSEMBLY, POSITIVE LOCK RAST 5, HEADER VERTICAL	
mm					
		0 PLC ± 1 PLC ± 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±			
		FINISH -			
MATERIAL		WEIGHT -		SIZE CAGE CODE DRAWING NO	
				A1 100779G=2232532	
		Customer Drawing		SCALE 8:1 SHEET 1 OF 4 REV. A5	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		-	SEE SHEET 1	-	-	-

NATURAL	SILVER PLATED	1-2	1c, 2d	1a, 1b, 2a, 2b	2	6-2232560-2
		1-2	2d	1a, 1b	2	5-2232560-2
		1-2	-	2a, 2b	2	4-2232560-2
		1-2	1c, 2d	1a, 2b	2	3-2232560-2
		1-2	1c	2a	2	2-2232560-2
		1-2	-	1a, 1b, 2a, 2b	2	1-2232560-2
		1-2	-	-	2	2232560-2
COLOR	FINISH TAB POST	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER

NATURAL	SILVER PLATED	1-2, 7-8	2d, 4d, 5c, 6d, 8d	1a, 1b, 2b, 3b, 4a, 4b, 6a, 7a, 8b	8	3-2232559-8
		2-3, 7-8	2c, 3d, 7c	8b	8	2-2232559-8
		1-2, 3-4, 5-6, 7-8	3c, 6d	4a, 6b	8	1-2232559-8
		1-2, 7-8	2d, 3c, 6d, 7c	-	8	2232559-8
		1-2, 5-6	2d, 7c	2b		6-2232559-7
		1-2, 5-6	3c, 4d, 7c	1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 7a, 7b		5-2232559-7
		1-2, 3-4, 5-6	1c, 2d, 4d, 7d	2a, 4b	7	4-2232559-7
NATURAL	SILVER PLATED	1-2, 5-6	3d, 7d	3a, 4a	7	3-2232559-7
		1-2, 5-6	3c, 4d, 7c	1a, 6b	7	2-2232559-7
		1-2, 4-5, 6-7	3c, 5d, 6c, 7d	1a, 2a, 4a, 4b, 5b, 6a, 6b, 7b	7	1-2232559-7
		1-2, 6-7	3d, 7d	5b	7	2232559-7
		4-5	1c, 1d, 2c, 3d, 5d, 6c, 6d	1b, 2a, 2b, 3a, 3b, 6a	6	8-2232559-6
		1-2, 3-4, 5-6	1c, 3c 6d	1b, 2a, 3a, 4b, 5a, 5b, 6b	6	7-2232559-6
		1-2, 3-4, 5-6	1c, 5c, 6d	1a, 2b, 4a, 5b, 6b	6	6-2232559-6
NATURAL	SILVER PLATED	1-2, 3-4, 5-6	2d, 3c, 4d, 5c	1a, 2b, 4a, 5b, 6b	6	5-2232559-6
		1-2, 5-6	2d, 4c, 6d	1b, 2a, 2b, 3a 6a, 6b	6	4-2232559-6
		1-2, 4-5	1c, 5d, 6c	1a, 3b, 4b	6	3-2232559-6
		2-3, 5-6	1c, 6d	1b, 2a, 3a 4b, 5a, 5b, 6b	6	2-2232559-6
		1-2, 5-6	4d	2b, 6b	6	1-2232559-6
		1-2, 4-5	3c, 6d	1b	6	2232559-6
		1-2, 4-5	3d	3b	5	8-2232559-5
NATURAL	SILVER PLATED	1-2, 4-5	3d	1a, 4a	5	7-2232559-5
		1-2, 4-5	1c, 2d, 3c, 5d	1a, 5b	5	6-2232559-5
		1-2, 4-5	1c, 2d, 4c	2a, 2b, 4a, 5b	5	5-2232559-5
		1-2, 3-4	1c, 2d, 4d	2a, 4b	5	4-2232559-5
		1-2, 3-4	1c, 2d, 3c, 5d	1a, 5b	5	3-2232559-5
		2-3	3d, 4c	1a, 5b	5	2-2232559-5
		1-2, 3-4	2d, 5d	2b	5	1-2232559-5
NATURAL	SILVER PLATED	1-2, 4-5	2d	2b	5	2232559-5
		1-2, 3-4	2d, 3c, 4d	1b, 2a, 4b	4	7-2232559-4
		1-2, 3-4	2d, 3c, 4d	1a, 2a, 3b, 4a	4	6-2232559-4
		1-2, 3-4	2d, 3c	1b, 2a, 2b, 3b, 4b	4	5-2232559-4
		1-2, 3-4	2d	2a, 4b	4	4-2232559-4
		1-2, 3-4	4d	1a, 3a	4	3-2232559-4
		1-2, 3-4	4d	1a, 4b	4	2-2232559-4
NATURAL	SILVER PLATED	1-2, 3-4	1c	1a, 4b	4	1-2232559-4
		1-2, 3-4	3c, 4d	1b	4	2232559-4
		1-2	1c, 3c	3b	3	7-2232559-3
		1-2	1c, 2d	1b, 2b	3	6-2232559-3
		1-2	1c	1a, 3a	3	5-2232559-3
		2-3	1c, 3d	3b	3	4-2232559-3
		2-3	1d, 3d	3b	3	3-2232559-3
NATURAL	SILVER PLATED	1-2	3c	1a	3	2-2232559-3
		2-3	1d, 2c	2b, 3b	3	1-2232559-3
		1-2	1c, 2d	1b	3	2232559-3
		1-2	2d	1b	2	9-2232559-2
		1-2	-	1a, 1b, 2a	2	8-2232559-2
		1-2	1c	1a, 2a	2	7-2232559-2
		1-2	1c, 2d	2b	2	6-2232559-2
NATURAL	SILVER PLATED	1-2	1c	1b, 2b	2	5-2232559-2
		1-2	2d	1b, 2a, 2b	2	4-2232559-2
		1-2	2d	1a, 2b	2	3-2232559-2
		1-2	1c, 2d	2a	2	2-2232559-2
		1-2	1c	1a, 2b	2	1-2232559-2
		1-2	1c, 2d	1b, 2a	2	2232559-2
COLOR	FINISH TAB POST	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER

NATURAL	TIN PLATED	1-2	1c, 2d	1a, 1b, 2a, 2b	2	6-2232557-2
		1-2	2d	1a, 1b	2	5-2232557-2
		1-2	-	2a, 2b	2	4-2232557-2
		1-2	1c, 2d	1a, 2b	2	3-2232557-2
		1-2	1c	2a	2	2-2232557-2
		1-2	-	1a, 1b, 2a, 2b	2	1-2232557-2
		1-2	-	-	2	2232557-2
COLOR	FINISH TAB POST	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER
NATURAL	TIN PLATED	1-2, 7-8	2d, 4d, 5c, 6d, 8d	1a, 1b, 2b, 3b, 4a, 4b, 6a, 7a, 8b	8	3-2232532-8
		2-3, 7-8	2c, 3d, 7c	8b	8	2-2232532-8
		1-2, 3-4, 5-6, 7-8	3c, 6d	4a, 6b	8	1-2232532-8
		1-2, 7-8	2d, 3c, 6d, 7c	-	8	2232532-8
		1-2, 5-6	2d, 7c	2b		6-2232532-7
		1-2, 5-6	3c, 4d, 7c	1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 7a, 7b		5-2232532-7
		1-2, 3-4, 5-6	1c, 2d, 4d, 7d	2a, 4b	7	4-2232532-7
NATURAL	TIN PLATED	1-2, 5-6	3d, 7d	3a, 4a	7	3-2232532-7
		1-2, 5-6	3c, 4d, 7c	1a, 6b	7	2-2232532-7
		1-2, 4-5, 6-7	3c, 5d, 6c, 7d	1a, 2a, 4a, 4b, 5b, 6a, 6b, 7b	7	1-2232532-7
		1-2, 6-7	3d, 7d	5b	7	2232532-7
		4-5	1c, 1d, 2c, 3d, 5d, 6c, 6d	1b, 2a, 2b, 3a, 3b, 6a	6	8-2232532-6
		1-2, 3-4, 5-6	1c, 3c 6d	1b, 2a, 3a, 4b, 5a, 5b, 6b	6	7-2232532-6
		1-2, 3-4, 5-6	1c, 5c, 6d	1a, 2b, 4a, 5b, 6b	6	6-2232532-6
NATURAL	TIN PLATED	1-2, 3-4, 5-6	2d, 3c, 4d, 5c	1a, 2b, 4a, 5b, 6b	6	5-2232532-6
		1-2, 5-6	2d, 4c, 6d	1b, 2a, 2b, 3a 6a, 6b	6	4-2232532-6
		1-2, 4-5	1c, 5d, 6c	1a, 3b, 4b	6	3-2232532-6
		2-3, 5-6	1c, 6d	1b, 2a, 3a 4b, 5a, 5b, 6b	6	2-2232532-6
		1-2, 5-6	4d	2b, 6b	6	1-2232532-6
		1-2, 4-5	3c, 6d	1b	6	2232532-6
		1-2, 4-5	3d	3b	5	8-2232532-5
NATURAL	TIN PLATED	1-2, 4-5	3d	1a, 4a	5	7-2232532-5
		1-2, 4-5	1c, 2d, 3c, 5d	1a, 5b	5	6-2232532-5
		1-2, 4-5	1c, 2d, 4c	2a, 2b, 4a, 5b	5	5-2232532-5
		1-2, 3-4	1c, 2d, 4d	2a, 4b	5	4-2232532-5
		1-2, 3-4	1c, 2d, 3c, 5d	1a, 5b	5	3-2232532-5
		2-3	3d, 4c	1a, 5b	5	2-2232532-5
		1-2, 3-4	2d, 5d	2b	5	1-2232532-5
NATURAL	TIN PLATED	1-2, 4-5	2d	2b	5	2232532-5
		1-2, 3-4	3c, 4d	1b	4	8-2232532-4
		1-2, 3-4	2d, 3c, 4d	1b, 2a, 4b	4	7-2232532-4
		1-2, 3-4	2d, 3c, 4d	1a, 2a, 3b, 4a	4	6-2232532-4
		1-2, 3-4	2d, 3c	1b, 2a, 2b, 3b, 4b	4	5-2232532-4
		1-2, 3-4	2d	2a, 4b	4	4-2232532-4
		1-2, 3-4	4d	1a, 3a	4	3-2232532-4
NATURAL	TIN PLATED	1-2, 3-4	4d	1a, 4b	4	2-2232532-4
		1-2, 3-4	1c	1a, 4b	4	1-2232532-4
		1-2, 3-4	3c, 4d	1b	4	2232532-4
		2-3	1c, 3d	3b	3	9-2232532-3
		1-2	1c, 2d	1b	3	8-2232532-3
		1-2	1c, 3c	3b	3	7-2232532-3
		1-2	1c, 2d	1b, 2b	3	6-2232532-3
NATURAL	TIN PLATED	1-2	1c	1a, 3a	3	5-2232532-3
		2-3	1c, 3d	3b	3	4-2232532-3
		2-3	1d, 3d	3b	3	3-2232532-3
		2-3	1d, 3d	3b	3	3-2232532-3
		1-2	3c	1a	3	2-2232532-3
		2-3	1d, 2c	2b, 3b	3	1-2232532-3
		1-2	1c, 2d	1b	3	2232532-3
NATURAL	TIN PLATED	1-2	2d	1b	2	9-2232532-2
		1-2	-	1a, 1b, 2a	2	8-2232532-2
		1-2	1c	1a, 2a	2	7-2232532-2
		1-2	1c, 2d	2b	2	6-2232532-2
		1-2	1c	1b, 2b	2	5-2232532-2
		1-2	2d	1b, 2a, 2b	2	4-2232532-2
		1-2	2d	1a, 2b	2	3-2232532-2
NATURAL	TIN PLATED	1-2	1c, 2d	2a	2	2-2232532-2
		1-2	1c	1a, 2b	2	1-2232532-2
		1-2	1c, 2d	1b, 2a	2	2232532-2
COLOR	FINISH TAB POST	LATCH WINDOWS	KEYING	POLARIZATION	NO. OF POS.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm

MATERIAL: -

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -

DWN: DANIEL ZHANG 02AUG2013
CHK: DANIEL ZHANG 02AUG2013
APVD: YUHONG MAO 02AUG2013

PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT: -

Customer Drawing

NAME: ASSEMBLY, POSITIVE LOCK
RAST 5, HEADER
VERTICAL

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 2232532

RESTRICTED TO: -

TE Connectivity

SCALE: 8:1
SHEET: 2 OF 4
REV: A5

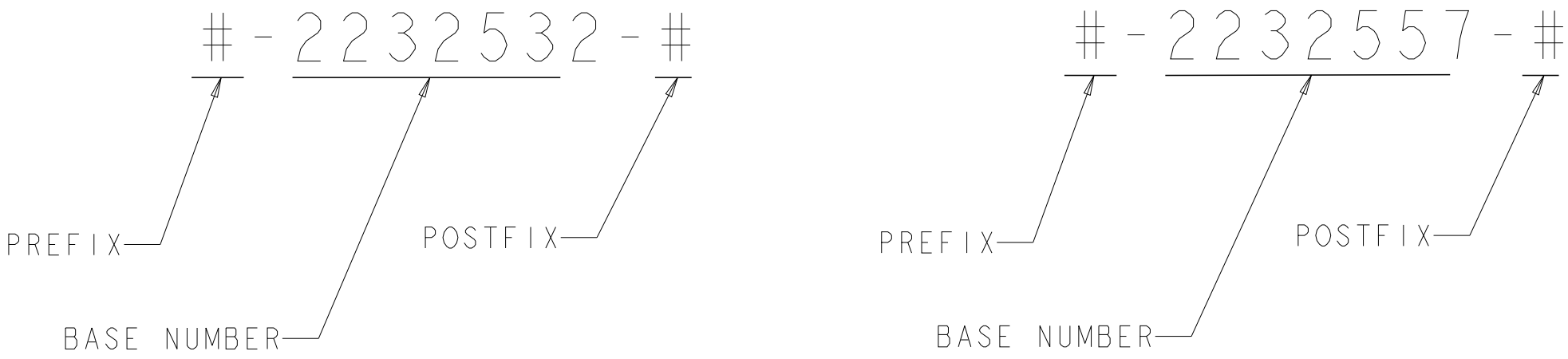
4805 (3/11)

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

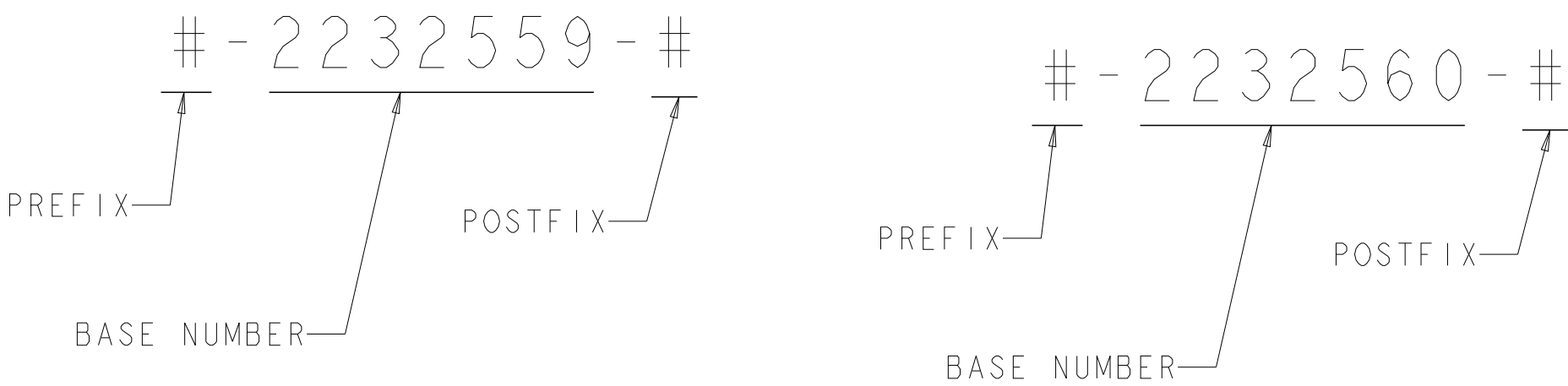
NOTES:
1.FOR TAB HEADER COLOR CHOICE, THERE ARE EIGHT COLORS AVAILABLE, BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS. INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE P/N OF THE COLOR TAB HEADER ARE BASED ON THE NATURAL TAB HEADER, THE PREFIX AND POSTFIX ARE THE SAME.
2.MORE INFORMATION 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-*	#-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.		DWN DANIEL ZHANG 02AUG2013	TE Connectivity		
DIMENSIONS:		CHK DANIEL ZHANG 02AUG2013			
mm		APVD YUHONG MAO 02AUG2013	NAME		
		PRODUCT SPEC	ASSEMBLY, POSITIVE LOCK RAST 5, HEADER VERTICAL		
		APPLICATION SPEC			
		ANGLES	SIZE	CAGE CODE	DRAWING NO
MATERIAL		WEIGHT	RESTRICTED TO		
-		-	-		
		Customer Drawing	SCALE	8:1	SHEET 4 OF 4
					REV A5