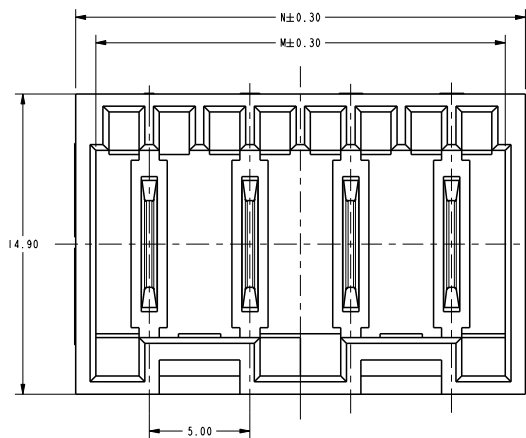
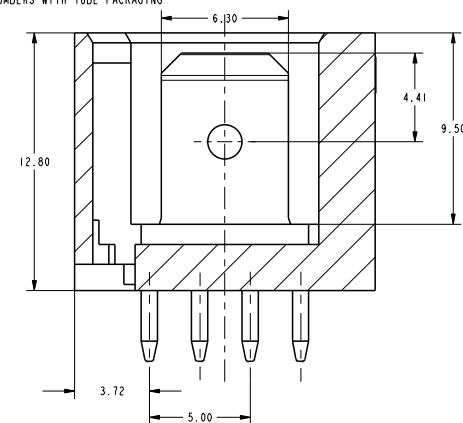
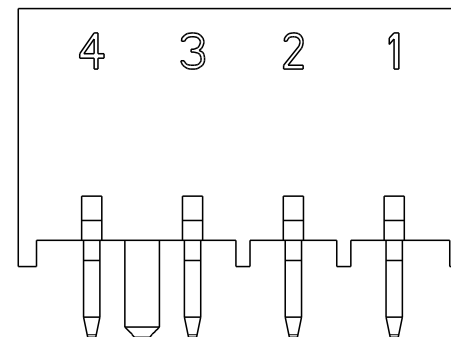
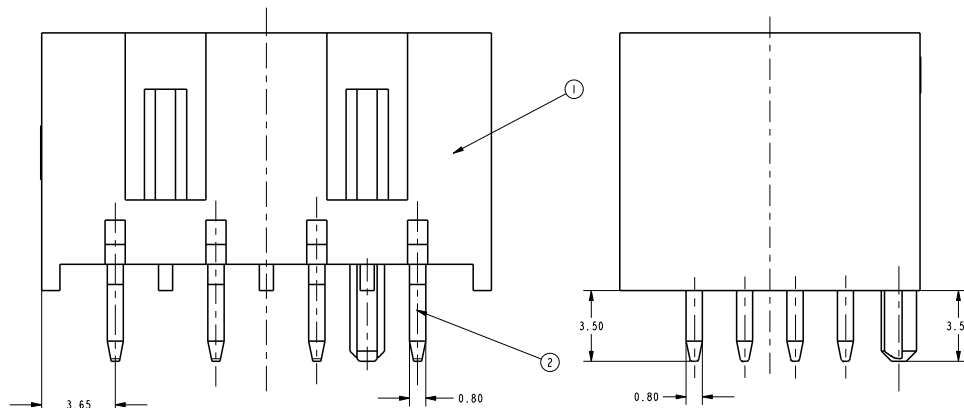
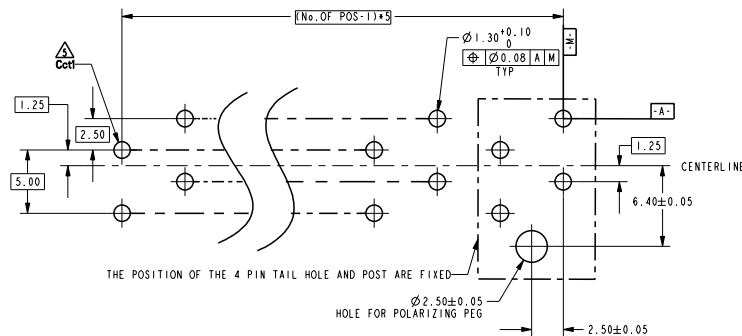


NOTE

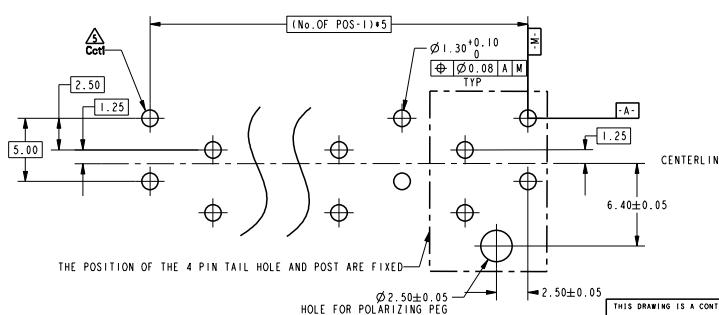
- HOUSING HAS RAST 5 COMPLIANT KEYING, LATCHING, AND POLARIZATION TAB IS 6.30 X 0.8 ACCORDING TO DIN 46244
 - SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS
 - MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME CONTACT, COPPER ALLOY, 0.8MM THICK
 - FINISH: CONTACTS, MATT TIN PLATING OVERALL, NICKEL UNDER-PLATING BRIGHT TIN PLATING OVERALL, NICKEL UNDER-PLATING SILVER PLATING OVERALL, NICKEL UNDER-PLATING
- PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH POSITION 1 (C<+1)
- THE PART NUMBERS SHOWING IN SHEET 2 & 3 & 4 & 5 ARE FOR NATURAL COLOR. THE PART NUMBER FOR OTHER COLOR 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, DETAIL PLEASE SEE SHEET 6
- PACKAGING: LOOSE PIECE OR TUBE. THE PART NUMBERS IN THIS DRAWING ARE WITH LOOSE PIECE PACKAGING. PLEASE CONTACT TE SALES REPRESENTATIVES FOR TUBE PACKAGING REQUIREMENT.
- PRELIMINARY PART, NOT RELEASED FOR PRODUCTION.
- FOR P/N: 2-1971895-4:
1) THE CONTACTS ARE WITH BRIGHT TIN PLATING.
2) INSERTION FORCE MATING WITH 4P MONO SHAPE MKI CONNECTOR: 85N MAX ACCORDING TO IEC 60512-13-1, Test 13a.
- FOR P/N: 5-1971845-8, 2-1971845-6, 6-1971845-5 AND 2-1971895-5:
1) THE CONTACTS ARE WITH BRIGHT TIN PLATING.
- PART NUMBERS WITH TUBE PACKAGING



SECTION A-A



RECOMMEND PCB LAYOUT - SOLDER SIDE
EVEN NUMBER OF PINS
PCB 15±0.2 THICK



RECOMMEND PCB LAYOUT - SOLDER SIDE
ODD NUMBER OF PINS
PCB 15±0.2 THICK

42.30	40.30	8
37.30	35.30	7
32.30	30.30	6
27.30	25.30	5
22.30	20.30	4
17.30	15.30	3
12.30	10.30	2
N	M	NO. OF POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	2/1JAN2013	DATE	2/1JAN2013
DRAWN BY: CH		CHK	2/1JAN2013	DATE	2/1JAN2013
DIMENSIONAL: mm		APP	2/1JAN2013	DATE	2/1JAN2013
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	108-106080	DATE	2/1JAN2013
MATERIAL: FINISH: WEIGHT: CUSTOMER DRAWING		SCALE	8:1	SHEET	1 OF 6

GREEN	4	TAB CCONTACT w/ MATT TIN PLATING (2-1971895-4 IS WITH BRIGHT TIN)	I	RAST 5 TAB HEADER HOUSING,4P (SEE THE DETAIL LAYOUT ON SHEET 4)	4	1971962-4		
natural	4		I			RAST 5 TAB HEADER HOUSING,3P. (SEE THE DETAIL LAYOUT ON SHEET 4)	3	2298030-4 
								9-1971895-4
								8-1971895-4 
								7-1971895-4
								6-1971895-4
								5-1971895-4
								4-1971895-4
								3-1971895-4
								2-1971895-4 
								1-1971895-4
								1971895-4
		 9-2304591-4						
	9-1971845-4							
	8-1971845-4							
	7-1971845-4							
	6-1971845-4							
	5-1971845-4							
	4-1971845-4							
	3-1971845-4							
	2-1971845-4							
	1-1971845-4							
	1971845-4							
	5-1971895-3							
	4-1971895-3							
3-1971895-3								
2-1971895-3								
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1971895-3								
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7-1971895-2								
6-1971895-2								
5-1971895-2								
4-1971895-2								
3-1971895-2								
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5-1971845-2								
4-1971845-2								
3-1971845-2								
2-1971845-2								
1-1971845-2								
1971845-2								
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE BY	21Jan2013	TE Connectivity
		DATE BY	21Jan2013	
		DATE BY	21Jan2013	
DIMENSIONS: mm	TOLERANCES (UNLESS OTHERWISE SPECIFIED)	MATERIAL		
	FRACTIONS DECIMALS ANGLES	PRODUCT SPEC		
	P HOLE .0005	CS-106080		
	P HOLE .0005	APPLICATION SPEC		
	P HOLE .0005			
	P HOLE .0005			
	P HOLE .0005			
MATERIAL	FINISH	REMARK	SIZE CAT CODE DRAWING NO	RESTRICTED TO
-	-	-	A 00779 C-1971845	
-	-	Customer Drawing	SCALE 8:1	SHEET 2 OF 6
				PN 23

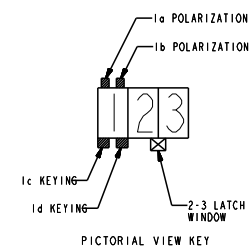
LOC	DATE	REV	DESCRIPTION	DATE	BY	APPD
			SEE SHEET 1			

NATURAL	8	TAB CCONTACT w/ SILVER PLATING	I	RAST 5 TAB HEADER HOUSING, 8P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	8	6-1971846-8 5-1971846-8 4-1971846-8 3-1971846-8 2-1971846-8 1-1971846-8 1971846-8 1971896-7 9-1971846-7 8-1971846-7 7-1971846-7 6-1971846-7 5-1971846-7 4-1971846-7 3-1971846-7 2-1971846-7 1-1971846-7 1971846-7
	7		I	RAST 5 TAB HEADER HOUSING, 7P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	7	1-1971896-6 1971896-6 9-1971846-6 8-1971846-6 7-1971846-6 6-1971846-6 5-1971846-6 4-1971846-6 3-1971846-6 2-1971846-6 1-1971846-6 1971846-6 1971896-5 9-1971846-5 8-1971846-5 7-1971846-5 6-1971846-5 5-1971846-5 4-1971846-5 3-1971846-5 2-1971846-5 1-1971846-5 1971846-5
	6		I	RAST 5 TAB HEADER HOUSING, 6P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	6	
	5		I	RAST 5 TAB HEADER HOUSING, 5P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	5	
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.

NATURAL	4	TAB CCONTACT w/ SILVER PLATING	I	RAST 5 TAB HEADER HOUSING, 4P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	4	1-2298031-4 9-1971896-4 7-1971896-4 6-1971896-4 5-1971896-4 4-1971896-4 3-1971896-4 2-1971896-4 1-1971896-4 1971896-4 9-1971846-4 8-1971846-4 7-1971846-4 6-1971846-4 5-1971846-4 4-1971846-4 3-1971846-4 2-1971846-4 1-1971846-4 1971846-4
	3		I	RAST 5 TAB HEADER HOUSING, 3P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	3	4-1971896-3 3-1971896-3 2-1971896-3 1-1971896-3 1971896-3 9-1971846-3 8-1971846-3 7-1971846-3 6-1971846-3 5-1971846-3 4-1971846-3 3-1971846-3 2-1971846-3 1-1971846-3 1971846-3
	2		I	RAST 5 TAB HEADER HOUSING, 2P, NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	2	6-1971896-2 5-1971896-2 4-1971896-2 3-1971896-2 2-1971896-2 1-1971896-2 1971896-2 9-1971846-2 8-1971846-2 7-1971846-2 6-1971846-2 5-1971846-2 4-1971846-2 3-2304599-2 3-1971846-2 2-1971846-2 1-1971846-2 1971846-2
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	21Jun2013	TE Connectivity	
DIMENSIONAL: mm		CHG	21Jun2013	RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		DATE	21Jun2013	SIZE CASE CODE DRAWING NO	
0.130		PRODUCT SPEC	108-108080	A1 00779 1971845	
0.130		APPLICATION SPEC		RESTRICTED TO	
0.130		WEIGHT		Customer Drawing	
0.130		SCALE	8:1	SHEET 3 OF 6	

2		1				
LOC	DIST	REVISIONS				
		#	DATE	OWN	APP	
		-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		PPN WDP 21Jan2013 HAPTE 21Jan2013	 TE Connectivity	
DIMENSIONS: mm 	DIMENSIONS: mm 0 P.L.C. 1 P.L.C. 2 P.L.C. 3 P.L.C. 4 P.L.C. 5 P.L.C. 6 P.L.C. 7 P.L.C. 8 P.L.C. 9 P.L.C. 10 P.L.C. 11 P.L.C. 12 P.L.C. 13 P.L.C. 14 P.L.C. 15 P.L.C. 16 P.L.C. 17 P.L.C. 18 P.L.C. 19 P.L.C. 20 P.L.C. 21 P.L.C. 22 P.L.C. 23 P.L.C. 24 P.L.C. 25 P.L.C. 26 P.L.C. 27 P.L.C. 28 P.L.C. 29 P.L.C. 30 P.L.C. 31 P.L.C. 32 P.L.C. 33 P.L.C. 34 P.L.C. 35 P.L.C. 36 P.L.C. 37 P.L.C. 38 P.L.C. 39 P.L.C. 40 P.L.C. 41 P.L.C. 42 P.L.C. 43 P.L.C. 44 P.L.C. 45 P.L.C. 46 P.L.C. 47 P.L.C. 48 P.L.C. 49 P.L.C. 50 P.L.C. 51 P.L.C. 52 P.L.C. 53 P.L.C. 54 P.L.C. 55 P.L.C. 56 P.L.C. 57 P.L.C. 58 P.L.C. 59 P.L.C. 60 P.L.C. 61 P.L.C. 62 P.L.C. 63 P.L.C. 64 P.L.C. 65 P.L.C. 66 P.L.C. 67 P.L.C. 68 P.L.C. 69 P.L.C. 70 P.L.C. 71 P.L.C. 72 P.L.C. 73 P.L.C. 74 P.L.C. 75 P.L.C. 76 P.L.C. 77 P.L.C. 78 P.L.C. 79 P.L.C. 80 P.L.C. 81 P.L.C. 82 P.L.C. 83 P.L.C. 84 P.L.C. 85 P.L.C. 86 P.L.C. 87 P.L.C. 88 P.L.C. 89 P.L.C. 90 P.L.C. 91 P.L.C. 92 P.L.C. 93 P.L.C. 94 P.L.C. 95 P.L.C. 96 P.L.C. 97 P.L.C. 98 P.L.C. 99 P.L.C. 100 P.L.C. 101 P.L.C. 102 P.L.C. 103 P.L.C. 104 P.L.C. 105 P.L.C. 106 P.L.C. 107 P.L.C. 108 P.L.C. 109 P.L.C. 110 P.L.C. 111 P.L.C. 112 P.L.C. 113 P.L.C. 114 P.L.C. 115 P.L.C. 116 P.L.C. 117 P.L.C. 118 P.L.C. 119 P.L.C. 120 P.L.C. 121 P.L.C. 122 P.L.C. 123 P.L.C. 124 P.L.C. 125 P.L.C. 126 P.L.C. 127 P.L.C. 128 P.L.C. 129 P.L.C. 130 P.L.C. 131 P.L.C. 132 P.L.C. 133 P.L.C. 134 P.L.C. 135 P.L.C. 136 P.L.C. 137 P.L.C. 138 P.L.C. 139 P.L.C. 140 P.L.C. 141 P.L.C. 142 P.L.C. 143 P.L.C. 144 P.L.C. 145 P.L.C. 146 P.L.C. 147 P.L.C. 148 P.L.C. 149 P.L.C. 150 P.L.C. 151 P.L.C. 152 P.L.C. 153 P.L.C. 154 P.L.C. 155 P.L.C. 156 P.L.C. 157 P.L.C. 158 P.L.C. 159 P.L.C. 160 P.L.C. 161 P.L.C. 162 P.L.C. 163 P.L.C. 164 P.L.C. 165 P.L.C. 166 P.L.C. 167 P.L.C. 168 P.L.C. 169 P.L.C. 170 P.L.C. 171 P.L.C. 172 P.L.C. 173 P.L.C. 174 P.L.C. 175 P.L.C. 176 P.L.C. 177 P.L.C. 178 P.L.C. 179 P.L.C. 180 P.L.C. 181 P.L.C. 182 P.L.C. 183 P.L.C. 184 P.L.C. 185 P.L.C. 186 P.L.C. 187 P.L.C. 188 P.L.C. 189 P.L.C. 190 P.L.C. 191 P.L.C. 192 P.L.C. 193 P.L.C. 194 P.L.C. 195 P.L.C. 196 P.L.C. 197 P.L.C. 198 P.L.C. 199 P.L.C. 200 P.L.C. 201 P.L.C. 202 P.L.C. 203 P.L.C. 204 P.L.C. 205 P.L.C. 206 P.L.C. 207 P.L.C. 208 P.L.C. 209 P.L.C. 210 P.L.C. 211 P.L.C. 212 P.L.C. 213 P.L.C. 214 P.L.C. 215 P.L.C. 216 P.L.C. 217 P.L.C. 218 P.L.C. 219 P.L.C. 220 P.L.C. 221 P.L.C. 222 P.L.C. 223 P.L.C. 224 P.L.C. 225 P.L.C. 226 P.L.C. 227 P.L.C. 228 P.L.C. 229 P.L.C. 230 P.L.C. 231 P.L.C. 232 P.L.C. 233 P.L.C. 234 P.L.C. 235 P.L.C. 236 P.L.C. 237 P.L.C. 238 P.L.C. 239 P.L.C. 240 P.L.C. 241 P.L.C. 242 P.L.C. 243 P.L.C. 244 P.L.C. 245 P.L.C. 246 P.L.C. 247 P.L.C. 248 P.L.C. 249 P.L.C. 250 P.L.C. 251 P.L.C. 252 P.L.C. 253 P.L.C. 254 P.L.C. 255 P.L.C. 256 P.L.C. 257 P.L.C. 258 P.L.C. 259 P.L.C. 260 P.L.C. 261 P.L.C. 262 P.L.C. 263 P.L.C. 264 P.L.C. 265 P.L.C. 266 P.L.C. 267 P.L.C. 268 P.L.C. 269 P.L.C. 270 P.L.C. 271 P.L.C. 272 P.L.C. 273 P.L.C. 274 P.L.C. 275 P.L.C. 276 P.L.C. 277 P.L.C. 278 P.L.C. 279 P.L.C. 280 P.L.C. 281 P.L.C. 282 P.L.C. 283 P.L.C. 284 P.L.C. 285 P.L.C. 286 P.L.C. 287 P.L.C. 288 P.L.C. 289 P.L.C. 290 P.L.C. 291 P.L.C. 292 P.L.C. 293 P.L.C. 294 P.L.C. 295 P.L.C. 296 P.L.C. 297 P.L.C. 298 P.L.C. 299 P.L.C. 300 P.L.C. 301 P.L.C. 302 P.L.C. 303 P.L.C. 304 P.L.C. 305 P.L.C. 306 P.L.C. 307 P.L.C. 308 P.L.C. 309 P.L.C. 310 P.L.C. 311 P.L.C. 312 P.L.C. 313 P.L.C. 314 P.L.C. 315 P.L.C. 316 P.L.C. 317 P.L.C. 318 P.L.C. 319 P.L.C. 320 P.L.C. 321 P.L.C. 322 P.L.C. 323 P.L.C. 324 P.L.C. 325 P.L.C. 326 P.L.C. 327 P.L.C. 328 P.L.C. 329 P.L.C. 330 P.L.C. 331 P.L.C. 332 P.L.C. 333 P.L.C. 334 P.L.C. 			

REV	LVS	DESCRIPTION	DATE	DWN	APPD
-	-	SEE SHEET 1	-	-	-



1971845-6
1971846-6



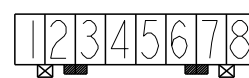
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1971896-6



1971845-7
1971846-7



1971895-7
1971896-7



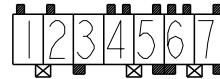
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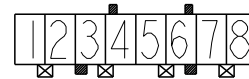
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2-1971846-6



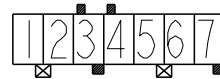
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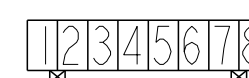
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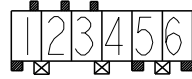
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6-1971846-6



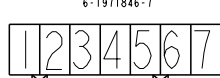
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1971846-7



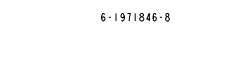
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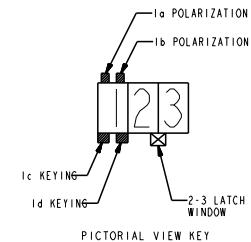
8-1971845-8
8-1971846-8



9-1971845-6
9-1971846-6



9-1971845-7
9-1971846-7



THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	21Jan2013	STE TE Connectivity	
DIMENSIONAL:		CH	21Jan2013	PART 5 TAB HEADER ASSY	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD	21Jan2013	DIN STYLE, TH, VERTICAL	
mm		PRODUCT SPEC		SIZE CASE CODE DRAWING NO	
Ø		108-108080		A 00779 1971845	
MATERIAL		APPLICATION SPEC		RESTRICTED TO	
FINISH		WEIGHT		SCALE 8:1 SHEET 5 OF 6	
		Customer Drawing		REV 23	

LOC	REV	DESCRIPTION	DATE	BY	APP
	1	SEE SHEET 1	-	-	-

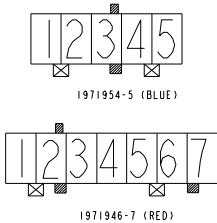
FOR ANY KEYING CONFIGURATION, THERE ARE EIGHT COLORS AVAILABLE. BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE WHITE VERSION IS PRELIMINARY. THE P/N OF THE COLOR CONNECTOR ARE BASED ON THE NATURAL CONNECTOR, THE PREFIX AND POSTFIX ARE THE SAME FOR THE SAME KEYING CONFIGURATION, BUT THE BASE NUMBERS ARE DIFFERENT ACCORDING TO DIFFERENT COLOR. THE FOLLOWING SHOWS WHAT'S THE P/N FOR COLOR CONNECTOR

#-1971845-#

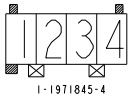
PREFIX BASE NUMBER POSTFIX

COLOR	PART NUMBER OF THE CONNECTOR				COMMENTS
	WITH MATT TIN PLATING CONTACT	WITH AG PLATING CONTACT			
NATURAL	#-1971845-#	#-1971895-#	#-1971846-#	#-1971896-#	THE PREFIX AND POSTFIX ARE THE SAME WITH THE P/N OF THE NATURAL CONNECTOR FOR THE SAME KEYING, POLARIZATION, LATCH WINDOW CONFIGURATION. JUST THE BASE NUMBERS ARE DIFFERENT BASED ON DIFFERENT COLOR. # CAN BE THE NUMBER FROM 0 TO 9. BUT THERE ARE TWO EXEMPTION PART NUMBERS. 1971954-5 (BLUE) AND 1971946-7 (RED)
RED	#-1971946-#	#-1971948-#	#-1971947-#	#-1971949-#	
BLUE	#-1971954-#	#-1971956-#	#-1971955-#	#-1971957-#	
YELLOW	#-2232008-#	#-2232010-#	#-2232009-#	#-2232011-#	
BLACK	#-2232000-#	#-2232002-#	#-2232001-#	#-2232003-#	
GREY	#-2232016-#	#-2232018-#	#-2232017-#	#-2232019-#	
GREEN	#-1971962-#	#-1971964-#	#-1971963-#	#-1971965-#	
PURPLE	#-2232024-#	#-2232026-#	#-2232025-#	#-2232027-#	
WHITE	#-2232289-#	#-2232291-#	#-2232290-#	#-2232292-#	

THERE ARE TWO EXEMPTION FOR COLOR PART NUMBERS



FOR EXAMPLE, IF A CONNECTOR WITH THE CONFIGURATION AS BELOW, AND WITH MATT TIN PLATING CONTACT, IN THE SHEET 4, WE CAN FIND THE RELATED CONNECTOR P/N WITH NATURAL COLOR IS 1-1971845-4, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 1-1971946-3



COLOR	PART NUMBER OF THE CONNECTOR		COMMENTS
	WITH BRIGHT TIN PLATING CONTACT		
NATURAL	#-2232906-#	#-2232907-#	THE KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION ARE SAME AS THE MATT TIN CONNECTOR WITH THE SAME PREFIX AND POSTFIX FOR EACH COLOR. FOR EXAMPLE: 2232906-4 AND 1971845-4 HAVE SAME KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION. 2232907-4 AND 1971895-4 HAVE SAME KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION. THE DETAIL KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION FOR EACH P/N, PLEASE SEE SHEET 2-5
RED	#-2232908-#	#-2232909-#	
BLUE	#-2232910-#	#-2232911-#	
YELLOW	#-2232912-#	#-2232913-#	
BALCK	#-2232914-#	#-2232915-#	
GREY	#-2232916-#	#-2232917-#	
GREEN	#-2232918-#	#-2232919-#	
PURPLE	#-2232920-#	#-2232921-#	
WHITE	#-2232922-#	#-2232923-#	

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