



mod'l. code						tolerances unless otherwise specified							CUSTOMER
						.X ±.38							COPY
ltr	ech	no	dr	date		linear							projection
A	T03-	0348	J.C	9/15/03		.XX ±.25							
B	T04-	0084	J.C	2/26/04		.XXX ±.10							
C	T04-	0356	W.L.	8/20/04		angles O' ±2'							
D	T05-	0069	W.L.	3/24/05		dr							
E	T05-	0127	W.L.	6/08/05		engr							
F	T05-	0141	W.L.	8/30/05		JASDN HSU JASDN HSU							
						STERLING LIN							scale
						oppd							N/A
sheet	revision		F		F								
index	sheet		1		2								

1003159P-DK3	TN PLATING OF ALL TERMINAL	TOP JACK: ORANGE 157C
1003159P-LV3	TN PLATING ON SOLDER TAIL/AND 1/4" GOLD PLATING ON CONTACT AREA.	CENTER JACK: BLACK BOTTOM JACK: GRAY 424D
1003159P-DK2	TN PLATING OF ALL TERMINAL	TOP JACK: PINK 701C
1003159P-LV2	TN PLATING ON SOLDER TAIL/AND 1/4" GOLD PLATING ON CONTACT AREA.	CENTER JACK: LIGHT BLUE 284D BOTTOM JACK: UML 577C
1003159P-DK1	TN PLATING OF ALL TERMINAL	TOP JACK: LIGHT BLUE 284C
1003159P-LV1	TN PLATING ON SOLDER TAIL/AND 1/4" GOLD PLATING ON CONTACT AREA.	CENTER JACK: UML 577C BOTTOM JACK: PINK 701C
1003159P-DK0	TN PLATING OF ALL TERMINAL	
1003159P-LV0	TN PLATING ON SOLDER TAIL/AND 1/4" GOLD PLATING ON CONTACT AREA.	ALL BLACK 425C
PRODUCT NO.	PLATING OPTION DESCRIPTION	COLOR DESCRIPTION

**\*PART NUMBER DESCRIPTION:**

10031590-X X X Lf  
T T T

LEAD FREE

- COLOR ARRANGEMENT!  
SEE TABLE

11

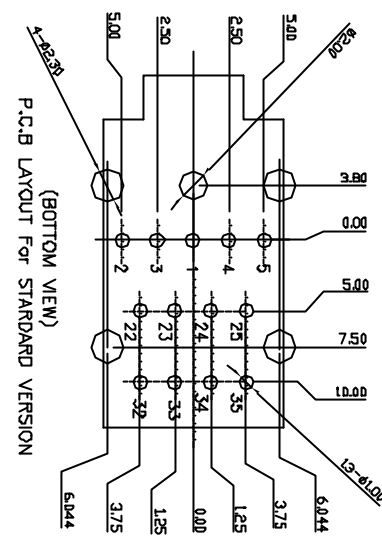
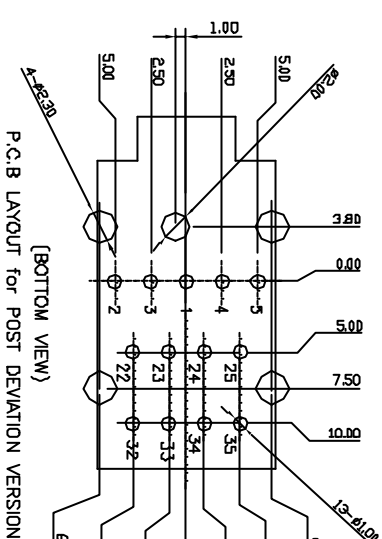
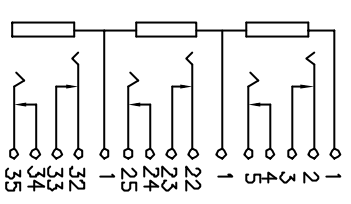
DESIGN VARIATION:

## 1: POST DEVIATION VERSION

—PLATING CODE:  
SEE TABLE

B

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1	2	3	4																																																																																																				
 <p>(BOTTOM VIEW) P.C.B LAYOUT FOR STANDARD VERSION</p>																																																																																																							
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<p><b>NOTE :</b></p> <ol style="list-style-type: none"> <li>1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M - 1982.</li> <li>2. EXPOSED BARRELS OF JACKS SHALL BE COLOR CODED PER PARAGRAPH 3.18.3 OF THE PC99 SYSTEM DESIGN GUIDE.</li> <li>3. OUTER SHIELD NOT CONNECTED TO GROUND CONTACTS (PIN 1).</li> <li>4. MATERIAL :</li> <li>4.1. INSULATOR : THERMOPLASTIC UL 94V-0 BLACK HOUSING AND COLOR CORE: PBT/ PA46; WHITE PLASTIC SPRING: PA66.</li> <li>4.2. LEAD MATERIAL : COPPER ALLOY.</li> <li>4.3. LEAD FINISH : AS TABLE SHOWN AND OPTION. 50u" MIN NICKEL UNDERPLATING, 100u" MIN MATTE TIN / PURE MATTE TIN PLATING ON SOLDER TAIL AND SELECTIVE GOLD PLATED ON CONTACT AREA.</li> <li>4.4. SHIELD MATERIAL &amp; FINISH : COPPER ALLOY, OVERALL 50u" MIN NICKEL UNDERPLATING, SELECTIVE 100u" MIN MATTE / PURE MATTE TIN PLATED ON SOLDER TAIL.</li> <li>6. PRODUCT SPECIFICATION : GS-12-180</li> <li>PACKAGING SPECIFICATION : GS-14-892</li> <li>7. 10031590-XXXLF: THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.</li> </ol>																																																																																																							
<p><b>SCHEMATIC</b></p> 		<p><b>MODEL NO</b> 10031590</p>																																																																																																					
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">mat'l. code</th> <th colspan="2">tolerances unless otherwise specified</th> <th colspan="2">CUSTOMER COPY</th> <th colspan="2">FCI</th> <th colspan="2">www.fciconnect.com</th> </tr> <tr> <td>lfr</td> <td>ecn no</td> <td>dr</td> <td>date</td> <td>linear</td> <td>projection</td> <td>title</td> <td>product family</td> <td>jack</td> <td>code</td> </tr> <tr> <td>F</td> <td></td> <td></td> <td></td> <td>.XXX ±.10</td> <td>0° ±2°</td> <td>AUDIO JACK TRIPLE-STACKED CONN.(ST3019 SERIES)</td> <td>10031590</td> <td>JACK</td> <td>—</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>angles</td> <td>mm</td> <td>size dwg no</td> <td>10031590</td> <td></td> <td>sheet</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>dr</td> <td>JASIN CHANG 7/23/03</td> <td></td> <td></td> <td></td> <td>2 of 2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>engr</td> <td>JASIN HSU 7/23/03</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>chr</td> <td>JASIN HSU 7/23/03</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>uppl</td> <td>STERLING LYN 7/23/03</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>sheet</td> <td>revision</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>index</td> <td>sheet</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com		lfr	ecn no	dr	date	linear	projection	title	product family	jack	code	F				.XXX ±.10	0° ±2°	AUDIO JACK TRIPLE-STACKED CONN.(ST3019 SERIES)	10031590	JACK	—					angles	mm	size dwg no	10031590		sheet					dr	JASIN CHANG 7/23/03				2 of 2					engr	JASIN HSU 7/23/03									chr	JASIN HSU 7/23/03									uppl	STERLING LYN 7/23/03					sheet	revision									index	sheet								
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