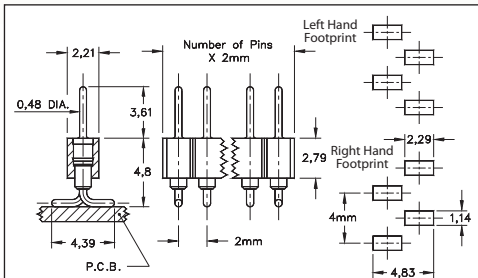


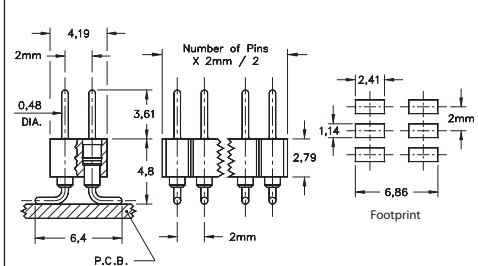
# INTERCONNECTS

## SERIES 830, 831, 832, 833 • 2mm GRID GULL WING SURFACE MOUNT HEADERS AND SOCKETS • SINGLE AND DOUBLE ROW STRIPS



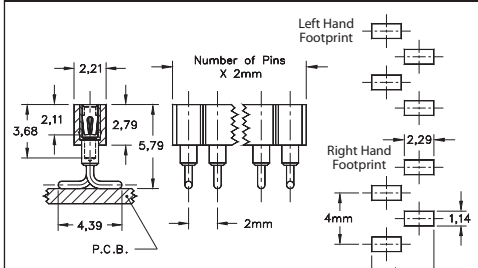
Coplanarity 0,13. For pin counts >12 positions, consult Technical Support.

**FIG. 1**



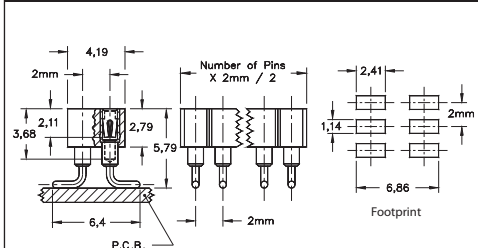
Coplanarity 0,13. For pin counts >24 positions, consult Technical Support.

**FIG. 2**



Coplanarity 0,13. For pin counts >12 positions, consult Technical Support.

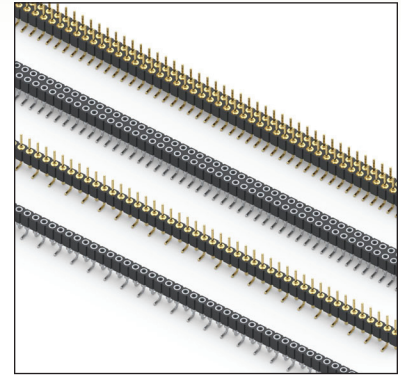
**FIG. 3**







Coplanarity 0,13. For pin counts >24 positions, consult Technical Support.

**FIG. 4**

- Headers (830 & 832) use MM #6218 pins. See page 208 for details
- Sockets (831 & 833) use MM #1802 receptacles and accept pin diameters from 0,38 - 0,64. See page 169 for details
- Coplanarity 0,13 (Single Row max 12 pins; Double Row max 24 pins) For higher pin counts, contact Technical Support
- Contact is rated at 3 amps
- Insulators are high temperature thermoplastic, suitable for all soldering operations



### ORDERING INFORMATION

<b>FIG. 1L</b>	<b>Single Row Header, Left Hand Footprint, Odd or Even # of pins</b>			
	830-XX-0__-30-001000 Specify number of pins <input type="text" value="02-50"/>			
<b>FIG. 1R</b>	<b>Single Row Header, Right Hand Footprint, Even # of pins</b>			
	830-XX-0__-30-002000 Specify number of pins <input type="text" value="02-50"/>			
<b>FIG. 2</b>	<b>Double Row Header, Even # of pins</b>			
	832-XX-__-30-001000 Specify number of pins <input type="text" value="004-100"/>			
<b>SPECIFY PLATING CODE XX=</b>		10 <input checked="" type="checkbox"/>	90	40 <input checked="" type="checkbox"/>
<b>Pin Plating</b> 		0,25µm Au	5,08µm Sn/Pb	5,08µm Sn
<b>FIG. 3L</b>	<b>Single Row Socket, Left Hand Footprint, Odd or Even # of pins</b>			
	831-XX-0__-30-001000 Specify number of pins <input type="text" value="02-50"/>			
<b>FIG. 3R</b>	<b>Single Row Socket, Right Hand Footprint, Even # of pins</b>			
	831-XX-0__-30-002000 Specify number of pins <input type="text" value="02-50"/>			
<b>FIG. 4</b>	<b>Double Row Socket, Even # of pins</b>			
	833-XX-__-30-001000 Specify number of pins <input type="text" value="004-100"/>			
		<b>XX=Plating Code See Below</b>		<i>For Electrical, Mechanical &amp; Environmental Data, See page 264</i>
<b>SPECIFY PLATING CODE XX=</b>		91	93	41 <input checked="" type="checkbox"/> 43 <input checked="" type="checkbox"/>
<b>Sleeve (Pin)</b> 		5,08µm Sn/Pb	5,08µm Sn/Pb	5,08µm Sn 5,08µm Sn
<b>Contact (Clip)</b> 		0,25µm Au	0,76µm Au	0,25µm Au 0,76µm Au