

# INTERCONNECTS

## SERIES 850, 851, 852, 853 • .050" GRID HEADERS AND SOCKETS • SINGLE AND DOUBLE ROW STRIPS

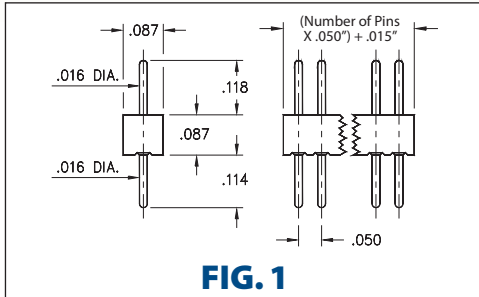


**FIG. 1**



**FIG. 2**

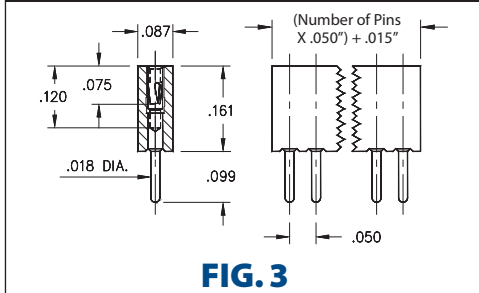


**FIG. 3**

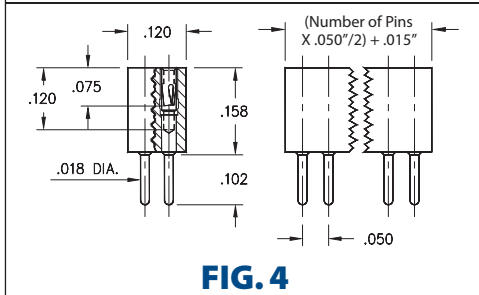


**FIG. 4**

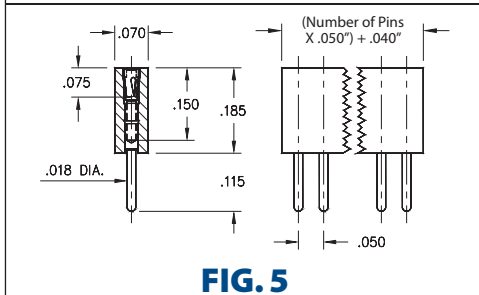
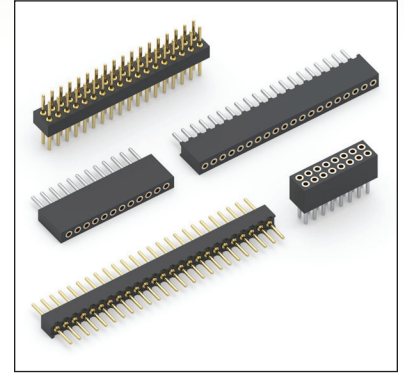


**FIG. 5**

- Series 850, 851, 852, 853 single and double row interconnects have .050" pin spacing and permit board stacking as low as .248"
- Pin headers have .016" dia. pins (MM #4006-0) See page 208 for details
- MM #0467 and MM #4890 receptacles use Hi-Rel, 3-finger BeCu #11 contact rated at 3 amps. (#11 contact accepts pin diameters from .015"-.020"). See pages 158 and 160 for details
- Insulators are high temperature thermoplastic, suitable for all soldering operations



### ORDERING INFORMATION

|                                                                                                                                                                             |                                                           |          |              |           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------|--------------|-----------|--|
| FIG. 1                                                                                                                                                                      | Series 850...001      Single Row .087" Profile Pin Header |          |              |           |  |
|                                                                                                                                                                             | 850-XX-0-10-001000<br>Specify number of pins      01-50   |          |              |           |  |
| FIG. 2                                                                                                                                                                      | Series 852...001      Double Row .083" Profile Pin Header |          |              |           |  |
|                                                                                                                                                                             | 852-XX--10-001000<br>Specify number of pins      004-100  |          |              |           |  |
| <div><div>RoHS-2<br/>2011/65/EU</div><div>XX=Plating Code<br/>See Below</div><div>For<br/>Electrical, Mechanical<br/>&amp; Environmental Data,<br/>See page 264</div></div> |                                                           |          |              |           |  |
| SPECIFY PLATING CODE XX=                                                                                                                                                    |                                                           | 10       | 90           | 40        |  |
| Pin Plating                                                                              |                                                           | 10 μ" Au | 200 μ" Sn/Pb | 200 μ" Sn |  |

|                                                                                                                                                                             |                                                          |  |              |              |              |           |           |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--|--------------|--------------|--------------|-----------|-----------|-----------|
| FIG. 3                                                                                                                                                                      | Series 851...001      Single Row .161" Profile Socket    |  |              |              |              |           |           |           |
|                                                                                                                                                                             | 851-XX-0-10-001000<br>Specify number of pins      01-50  |  |              |              |              |           |           |           |
| FIG. 4                                                                                                                                                                      | Series 853...001      Double Row .161" Profile Socket    |  |              |              |              |           |           |           |
|                                                                                                                                                                             | 853-XX--10-001000<br>Specify number of pins      004-100 |  |              |              |              |           |           |           |
| FIG. 5                                                                                                                                                                      | Series 851...002      Single Row .185" Profile Socket    |  |              |              |              |           |           |           |
|                                                                                                                                                                             | 851-XX-0-10-002000<br>Specify number of pins      01-77  |  |              |              |              |           |           |           |
| <div><div>RoHS-2<br/>2011/65/EU</div><div>XX=Plating Code<br/>See Below</div><div>For<br/>Electrical, Mechanical<br/>&amp; Environmental Data,<br/>See page 264</div></div> |                                                          |  |              |              |              |           |           |           |
| SPECIFY PLATING CODE XX=                                                                                                                                                    |                                                          |  | 91           | 93           | 99           | 41        | 43        | 47        |
| Sleeve (Pin)                                                                             |                                                          |  | 200 μ" Sn/Pb | 200 μ" Sn/Pb | 200 μ" Sn/Pb | 200 μ" Sn | 200 μ" Sn | 200 μ" Sn |
| Contact (Clip)                                                                           |                                                          |  | 10 μ" Au     | 30 μ" Au     | 100 μ" Sn/Pb | 10 μ" Au  | 30 μ" Au  | Au Flash  |

