

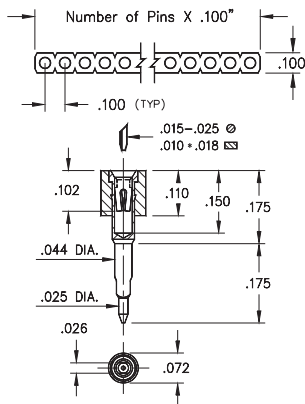


**THE DATASHEET OF**  
**346-99-102-41-013000**

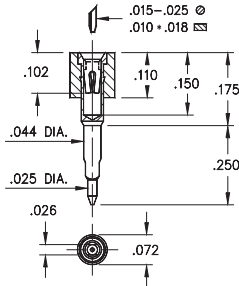


# INTERCONNECTS

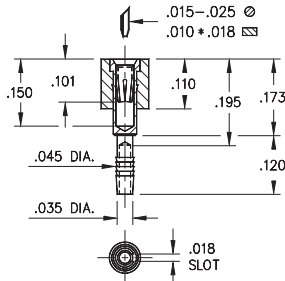
## SERIES 304, 346 • .100" GRID SOLDERLESS PRESS-FIT • SINGLE ROW STRIPS



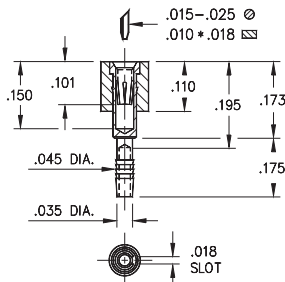
**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**

- Unique compliant tail pins conform to the plated through-hole without stressing the inner layers of a multilayer board
- Recommended plated through-hole for 304 series: .036"-.041" use a 1,1mm drill prior to plating. Using MM #0477 & #0478 pins. See page 162 for details
- For 346 series: .040"±.003" finished plated through-hole. Using MM #4612 & #4613 pins. See page 162 for details. Patent No. 4,799,904
- Hi-Rel, 4-finger BeCu #30 contact is rated at 3 amps. See page 253 for details
- Insulators are high temperature thermoplastic



### ORDERING INFORMATION

| <b>FIG. 1</b>  | <b>Series 304...770</b> <b>Solderless Press-Fit</b>                                    |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
|--|--|--------------------------|--------------|--------------|--------------|-----------|-----------|-----------|----|----|--------------|----------|----------|--------------|--------------|--------------|-----------|-----------|-----------|----------------|----------|----------|----------|----------|--------------|----------|----------|-----------|
|  | For .062" Thick Boards<br>304-XX-1__-41-770000<br>Specify number of pins ↑ 01-64       |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| <b>FIG. 2</b>  | <b>Series 304...780</b> <b>Solderless Press-Fit</b>                                    |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
|  | For .125" Thick Boards<br>304-XX-1__-41-780000<br>Specify number of pins ↑ 01-64       |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| Mill-Max recommends plating Code 13 for Series 304...770 and 304...780   |  |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| <b>FIG. 3</b>  | <b>Series 346...012</b> <b>Compliant Solderless Press-Fit</b>                          |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
|  | For .060"-.100" Thick Boards<br>346-XX-1__-41-012000<br>Specify number of pins ↑ 01-64 |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| <b>FIG. 4</b>  | <b>Series 346...013</b> <b>Compliant Solderless Press-Fit</b>                          |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
|  | For .090"-.130" Thick Boards<br>346-XX-1__-41-013000<br>Specify number of pins ↑ 01-64 |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #c8e6c9;">RoHS-2<br/>2011/65/EU</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">XX=Plating Code<br/>See Below</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">For<br/>Electrical, Mechanical<br/>&amp; Environmental Data,<br/>See page 264</div> </div>   |  |                          |              |              |              |           |           |           |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SPECIFY PLATING CODE XX=</th> <th>11</th> <th>13</th> <th>91</th> <th>93</th> <th>99</th> <th>41</th> <th>43</th> <th>44</th> </tr> </thead> <tbody> <tr> <td>Sleeve (Pin) </td> <td>10 μ" Au</td> <td>10 μ" Au</td> <td>200 μ" Sn/Pb</td> <td>200 μ" Sn/Pb</td> <td>200 μ" Sn/Pb</td> <td>200 μ" Sn</td> <td>200 μ" Sn</td> <td>200 μ" Sn</td> </tr> <tr> <td>Contact (Clip) </td> <td>10 μ" Au</td> <td>30 μ" Au</td> <td>10 μ" Au</td> <td>30 μ" Au</td> <td>100 μ" Sn/Pb</td> <td>10 μ" Au</td> <td>30 μ" Au</td> <td>100 μ" Sn</td> </tr> </tbody> </table> |  | SPECIFY PLATING CODE XX= | 11           | 13           | 91           | 93        | 99        | 41        | 43 | 44 | Sleeve (Pin) | 10 μ" Au | 10 μ" Au | 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 | 10 μ" Au | 30 μ" Au | 100 μ" Sn/Pb | 10 μ" Au | 30 μ" Au | 100 μ" Sn |
| SPECIFY PLATING CODE XX=   | 11   | 13                       | 91           | 93           | 99           | 41        | 43        | 44        |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |
| Sleeve (Pin)   | 10 μ" Au   | 10 μ" Au                 | 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                 | 10 μ" Au     | 30 μ" Au     | 100 μ" Sn/Pb | 10 μ" Au  | 30 μ" Au  | 100 μ" Sn |    |    |              |          |          |              |              |              |           |           |           |                |          |          |          |          |              |          |          |           |



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