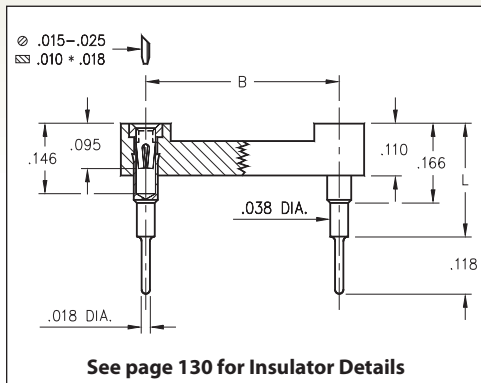


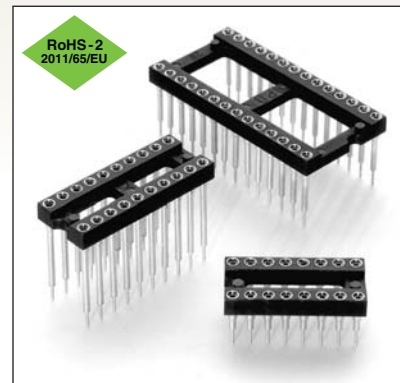
# DUAL-IN-LINE SOCKETS

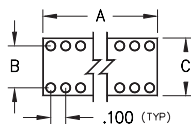
## SERIES 116 • ELEVATED • OPEN FRAME



See page 130 for Insulator Details

- Ideal for raised component requirements and stacking of PCBs
- Sockets are XY stackable
- Hi-Rel, 4-finger BeCu #30 contact is rated at 3 amps. See page 253 for details
- Series 116 uses MM #0153-X pins. See page 167 for details
- Insulators are high temperature thermoplastic, suitable for all soldering operations
- For Electrical, Mechanical and Environmental Data, see page 264 for details



| Total number of pins                                                                               |  |     |     | Quantity per tube | ORDERING INFORMATION      |                           |                           |                           |                           |                                |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----|-----|-------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|
|                                                                                                    | A                                                                                 | B   | C   |                   | L = .236<br>(#0153-1 pin) | L = .315<br>(#0153-2 pin) | L = .402<br>(#0153-3 pin) | L = .472<br>(#0153-4 pin) | L = .594<br>(#0153-5 pin) |                                |
| 10                                                                                                 | 0.5                                                                               | 0.2 | 0.3 | 40                | 116-XX-210-41-006000      | 116-XX-210-41-003000      | 116-XX-210-41-007000      | 116-XX-210-41-008000      | 116-XX-210-41-001000      |                                |
| 4                                                                                                  | 0.2                                                                               | 0.3 | 0.4 | 102               | 116-XX-304-41-006000      | 116-XX-304-41-003000      | 116-XX-304-41-007000      | 116-XX-304-41-008000      | 116-XX-304-41-001000      |                                |
| 6                                                                                                  | 0.3                                                                               | 0.3 | 0.4 | 67                | 116-XX-306-41-006000      | 116-XX-306-41-003000      | 116-XX-306-41-007000      | 116-XX-306-41-008000      | 116-XX-306-41-001000      |                                |
| 8                                                                                                  | 0.4                                                                               | 0.3 | 0.4 | 50                | 116-XX-308-41-006000      | 116-XX-308-41-003000      | 116-XX-308-41-007000      | 116-XX-308-41-008000      | 116-XX-308-41-001000      |                                |
| 10                                                                                                 | 0.5                                                                               | 0.3 | 0.4 | 40                | 116-XX-310-41-006000      | 116-XX-310-41-003000      | 116-XX-310-41-007000      | 116-XX-310-41-008000      | 116-XX-310-41-001000      |                                |
| 14                                                                                                 | 0.7                                                                               | 0.3 | 0.4 | 28                | 116-XX-314-41-006000      | 116-XX-314-41-003000      | 116-XX-314-41-007000      | 116-XX-314-41-008000      | 116-XX-314-41-001000      |                                |
| 16                                                                                                 | 0.8                                                                               | 0.3 | 0.4 | 25                | 116-XX-316-41-006000      | 116-XX-316-41-003000      | 116-XX-316-41-007000      | 116-XX-316-41-008000      | 116-XX-316-41-001000      |                                |
| 18                                                                                                 | 0.9                                                                               | 0.3 | 0.4 | 22                | 116-XX-318-41-006000      | 116-XX-318-41-003000      | 116-XX-318-41-007000      | 116-XX-318-41-008000      | 116-XX-318-41-001000      |                                |
| 20                                                                                                 | 1.0                                                                               | 0.3 | 0.4 | 20                | 116-XX-320-41-006000      | 116-XX-320-41-003000      | 116-XX-320-41-007000      | 116-XX-320-41-008000      | 116-XX-320-41-001000      |                                |
| 22                                                                                                 | 1.1                                                                               | 0.3 | 0.4 | 18                | 116-XX-322-41-006000      | 116-XX-322-41-003000      | 116-XX-322-41-007000      | 116-XX-322-41-008000      | 116-XX-322-41-001000      |                                |
| 24                                                                                                 | 1.2                                                                               | 0.3 | 0.4 | 16                | 116-XX-324-41-006000      | 116-XX-324-41-003000      | 116-XX-324-41-007000      | 116-XX-324-41-008000      | 116-XX-324-41-001000      |                                |
| 28                                                                                                 | 1.4                                                                               | 0.3 | 0.4 | 14                | 116-XX-328-41-006000      | 116-XX-328-41-003000      | 116-XX-328-41-007000      | 116-XX-328-41-008000      | 116-XX-328-41-001000      |                                |
| 20                                                                                                 | 1.0                                                                               | 0.4 | 0.5 | 20                | 116-XX-420-41-006000      | 116-XX-420-41-003000      | 116-XX-420-41-007000      | 116-XX-420-41-008000      | 116-XX-420-41-001000      |                                |
| 22                                                                                                 | 1.1                                                                               | 0.4 | 0.5 | 18                | 116-XX-422-41-006000      | 116-XX-422-41-003000      | 116-XX-422-41-007000      | 116-XX-422-41-008000      | 116-XX-422-41-001000      |                                |
| 24                                                                                                 | 1.2                                                                               | 0.4 | 0.5 | 16                | 116-XX-424-41-006000      | 116-XX-424-41-003000      | 116-XX-424-41-007000      | 116-XX-424-41-008000      | 116-XX-424-41-001000      |                                |
| 28                                                                                                 | 1.4                                                                               | 0.4 | 0.5 | 14                | 116-XX-428-41-006000      | 116-XX-428-41-003000      | 116-XX-428-41-007000      | 116-XX-428-41-008000      | 116-XX-428-41-001000      |                                |
| 32                                                                                                 | 1.6                                                                               | 0.4 | 0.5 | 12                | 116-XX-432-41-006000      | 116-XX-432-41-003000      | 116-XX-432-41-007000      | 116-XX-432-41-008000      | 116-XX-432-41-001000      |                                |
| 24                                                                                                 | 1.2                                                                               | 0.6 | 0.7 | 16                | 116-XX-624-41-006000      | 116-XX-624-41-003000      | 116-XX-624-41-007000      | 116-XX-624-41-008000      | 116-XX-624-41-001000      |                                |
| 28                                                                                                 | 1.4                                                                               | 0.6 | 0.7 | 14                | 116-XX-628-41-006000      | 116-XX-628-41-003000      | 116-XX-628-41-007000      | 116-XX-628-41-008000      | 116-XX-628-41-001000      |                                |
| 32                                                                                                 | 1.6                                                                               | 0.6 | 0.7 | 12                | 116-XX-632-41-006000      | 116-XX-632-41-003000      | 116-XX-632-41-007000      | 116-XX-632-41-008000      | 116-XX-632-41-001000      |                                |
| 36                                                                                                 | 1.8                                                                               | 0.6 | 0.7 | 11                | 116-XX-636-41-006000      | 116-XX-636-41-003000      | 116-XX-636-41-007000      | 116-XX-636-41-008000      | 116-XX-636-41-001000      |                                |
| 40                                                                                                 | 2.0                                                                               | 0.6 | 0.7 | 10                | 116-XX-640-41-006000      | 116-XX-640-41-003000      | 116-XX-640-41-007000      | 116-XX-640-41-008000      | 116-XX-640-41-001000      |                                |
| 42                                                                                                 | 2.1                                                                               | 0.6 | 0.7 | 9                 | 116-XX-642-41-006000      | 116-XX-642-41-003000      | 116-XX-642-41-007000      | 116-XX-642-41-008000      | 116-XX-642-41-001000      |                                |
| 48                                                                                                 | 2.4                                                                               | 0.6 | 0.7 | 8                 | 116-XX-648-41-006000      | 116-XX-648-41-003000      | 116-XX-648-41-007000      | 116-XX-648-41-008000      | 116-XX-648-41-001000      |                                |
| 50                                                                                                 | 2.5                                                                               | 0.6 | 0.7 | 8                 | 116-XX-650-41-006000      | 116-XX-650-41-003000      | 116-XX-650-41-007000      | 116-XX-650-41-008000      | 116-XX-650-41-001000      |                                |
| 52                                                                                                 | 2.6                                                                               | 0.6 | 0.7 | 7                 | 116-XX-652-41-006000      | 116-XX-652-41-003000      | 116-XX-652-41-007000      | 116-XX-652-41-008000      | 116-XX-652-41-001000      |                                |
| 50                                                                                                 | 2.5                                                                               | 0.9 | 1.0 | 8                 | 116-XX-950-41-006000      | 116-XX-950-41-003000      | 116-XX-950-41-007000      | 116-XX-950-41-008000      | 116-XX-950-41-001000      |                                |
| 52                                                                                                 | 2.6                                                                               | 0.9 | 1.0 | 7                 | 116-XX-952-41-006000      | 116-XX-952-41-003000      | 116-XX-952-41-007000      | 116-XX-952-41-008000      | 116-XX-952-41-001000      |                                |
| 64                                                                                                 | 3.2                                                                               | 0.9 | 1.0 | 6                 | 116-XX-964-41-006000      | 116-XX-964-41-003000      | 116-XX-964-41-007000      | 116-XX-964-41-008000      | 116-XX-964-41-001000      |                                |
| SPECIFY PLATING CODE XX=                                                                           |                                                                                   |     |     |                   |                           | 91                        | 93                        | 41 ◆                      | 43 ◆                      | XX=Plating Code<br>See to Left |
| Sleeve (Pin)    |                                                                                   |     |     |                   |                           | 200 μ" Sn/Pb              | 200 μ" Sn/Pb              | 200 μ" Sn                 | 200 μ" Sn                 |                                |
| Contact (Clip)  |                                                                                   |     |     |                   |                           | 10 μ" Au                  | 30 μ" Au                  | 10 μ" Au                  | 30 μ" Au                  |                                |

