



precip-dip

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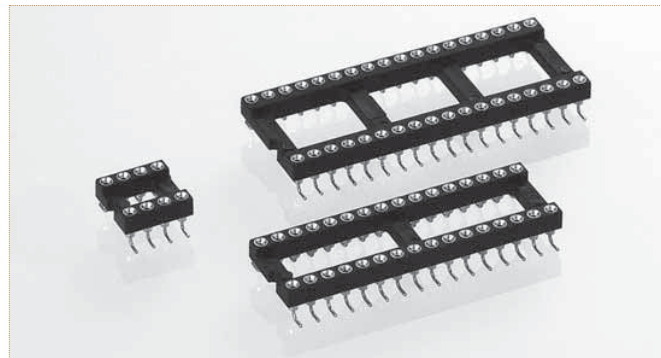
## DUAL-IN-LINE SOCKETS

OPEN FRAME / SURFACE MOUNT

Specially designed for reflow soldering including vapor phase with gull wing terminations for maximum strength and easy in-circuit test.

### TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 127)

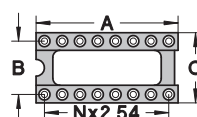
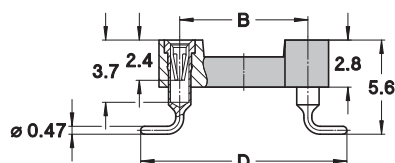
|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| INSULATOR               | Black glass filled polyester PCT-GF30-FR                                   |
| FLAMMABILITY            | UL 94V-0                                                                   |
| SLEEVE                  | Brass CuZn36Pb3 (C36000)                                                   |
| CONTACT CLIP (4 FINGER) | Beryllium copper (C17200)                                                  |
| ACCEPTED PIN Ø          | 0.40 to 0.56 mm                                                            |
| FORCES                  | 2 N typ. insertion 1 N typ. withdrawal<br>(polished steel gauge Ø 0.43 mm) |
| MECHANICAL LIFE         | Min. 100 cycles                                                            |
| RATED CURRENT           | 1 A                                                                        |
| CONTACT RESISTANCE      | Max. 10 mΩ                                                                 |
| DIELECTRIC STRENGTH     | Min. 1'000 V <sub>RMS</sub>                                                |
| COPLANARITY             |                                                                            |
| SMD TERMINATIONS        | Max. 0.10 mm                                                               |



### ORDERING INFORMATION ROHS COMPLIANT PARTS

| PP PLATING CODE | SLEEVE | CLIP         |
|-----------------|--------|--------------|
| 87              | Tin    | Flash gold   |
| 83              | Tin    | 0.75 µm gold |

Other plating on request (see page 178 for plating specs).



| NO. OF POLES | A    | B     | C    | D     | SEE PAGE 128 | ORDER CODES          |
|--------------|------|-------|------|-------|--------------|----------------------|
| 10           | 12.6 | 5.08  | 7.6  | 9.72  | Fig. 1       | 110-PP-210-41-105101 |
| 4            | 5.0  | 7.62  | 10.1 | 12.26 | Fig. 2       | 110-PP-304-41-105101 |
| 6            | 7.6  | 7.62  | 10.1 | 12.26 | Fig. 3       | 110-PP-306-41-105101 |
| 8            | 10.1 | 7.62  | 10.1 | 12.26 | Fig. 4       | 110-PP-308-41-105101 |
| 10           | 12.6 | 7.62  | 10.1 | 12.26 | Fig. 5       | 110-PP-310-41-105101 |
| 12           | 15.2 | 7.62  | 10.1 | 12.26 | Fig. 6       | 110-PP-312-41-105101 |
| 14           | 17.7 | 7.62  | 10.1 | 12.26 | Fig. 7       | 110-PP-314-41-105101 |
| 16           | 20.3 | 7.62  | 10.1 | 12.26 | Fig. 8       | 110-PP-316-41-105101 |
| 18           | 22.8 | 7.62  | 10.1 | 12.26 | Fig. 9       | 110-PP-318-41-105101 |
| 20           | 25.3 | 7.62  | 10.1 | 12.26 | Fig. 10      | 110-PP-320-41-105101 |
| 22           | 27.8 | 7.62  | 10.1 | 12.26 | Fig. 11      | 110-PP-322-41-105101 |
| 24           | 30.4 | 7.62  | 10.1 | 12.26 | Fig. 12      | 110-PP-324-41-105101 |
| 28           | 35.5 | 7.62  | 10.1 | 12.26 | Fig. 13      | 110-PP-328-41-105101 |
| 20           | 25.4 | 10.16 | 12.6 | 14.80 | Fig. 14      | 110-PP-420-41-105101 |
| 22           | 27.8 | 10.16 | 12.6 | 14.80 | Fig. 15      | 110-PP-422-41-105101 |
| 24           | 30.4 | 10.16 | 12.6 | 14.80 | Fig. 16      | 110-PP-424-41-105101 |
| 28           | 35.5 | 10.16 | 12.6 | 14.80 | Fig. 17      | 110-PP-428-41-105101 |
| 32           | 40.6 | 10.16 | 12.6 | 14.80 | Fig. 18      | 110-PP-432-41-105101 |
| 24           | 30.5 | 15.24 | 17.7 | 19.88 | Fig. 20      | 110-PP-624-41-105101 |
| 28           | 35.5 | 15.24 | 17.7 | 19.88 | Fig. 21      | 110-PP-628-41-105101 |
| 32           | 40.6 | 15.24 | 17.7 | 19.88 | Fig. 22      | 110-PP-632-41-105101 |
| 36           | 45.7 | 15.24 | 17.7 | 19.88 | Fig. 23      | 110-PP-636-41-105101 |
| 40           | 50.8 | 15.24 | 17.7 | 19.88 | Fig. 24      | 110-PP-640-41-105101 |
| 42           | 53.3 | 15.24 | 17.7 | 19.88 | Fig. 25      | 110-PP-642-41-105101 |
| 48           | 60.9 | 15.24 | 17.7 | 19.88 | Fig. 26      | 110-PP-648-41-105101 |

### PCB LAYOUT

