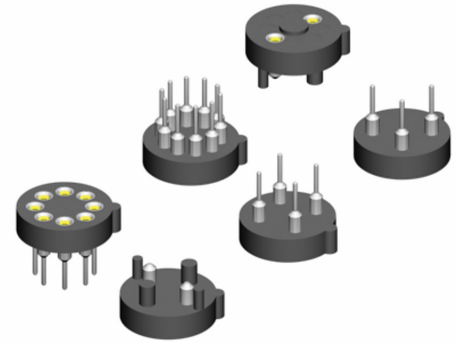


Sockets for TO-5 and TO-18 packages.
 3-pole for transistors
 and 2-pole TR-5 Fuse Holders shown on this page.
 Embedded terminals prevent shortings.
 High contact reliability with the 4-finger clips.



| Transistor- & TO-Sockets | | | | |
|--------------------------|-----------------|-----------------|-----------------|---------------|
| | | | | |
| 3 - pin | 4 - pin | 8 - pin | 10 - pin | |
| TOS-503-S118-95 | TOS-504-S118-95 | TOS-508-S118-95 | TOS-610-S118-95 | ← Order Codes |

| Specifications | | | |
|---------------------------------------|---|--|----------------------------|
| Mechanical data | | Electrical data | |
| Insertion force | 1,80 N (avg) | Contact resistance at 1A | 4,3 mOhm typ. |
| Extraction force (standard) | 0,90 N (avg) | Current rating | 1A max., 100V |
| Contact life | > 100 cycles | Contact capacitance at 1MHz | ≤7 mOhm |
| Solderability | exceeds MIL-STD-202 Method 208 | Insulation resistance at 500V DC | 5 × 10 ⁹ Ω min. |
| Water absorption during 24hrs at 20°C | 0,05% | (MIL-STD-1344 Method 3003) | |
| Contact security: | | Breakdown voltage at 60 Hz | 1 KV min. |
| -Vibration (MIL-STD-202 Method 204 B) | 20g | (MIL-STD-1344 Method 3001.1) | |
| -Shock (MIL-STD-202 Method 202 C) | 150g | Contact resistance after 1000 ins./ext. cycles | ≤7 mΩ |
| Material | | Temperature | |
| Insulator | std. temp PBT plastic UL 94 V-0 | Operating temperature | -55° to +125°C |
| Terminal | CuZn (tin <i>leadfree</i> plated; Ni underplated) | | |
| Contact | BeCu (gold plated; Ni underplated) | | |

| Socket for TR 5 Fuses | | Specifications | |
|-----------------------|--|--------------------------------|---------------------------------|
| | | (vary from the above) | |
| | | Electrical | |
| | | Contact resistance at 1A | 4,3 mΩ typ. |
| | | Current rating at 250 V; 1,6 W | 6,3 A max. |
| | | short time | 9 A |
| | | 15 sec. | 11 A |
| | | 5 sec. | 16 A |
| | | Mechanical | |
| | | Insertion force | > 13 N |
| | | Extraction force | < 4 N |
| | | Probe diam. | 0,58 - 0,62mm |
| | | Material | |
| | | Insulator (RoHS compliant) | high temp plastic UL 94 V-0 |
| | | Temperature | |
| | | Operating temperature | -55° to +125°C |
| | | Processing temperature | +250°C +0/-5°C for 20-40sec. |
| TOS-202-S001-95 | | | |