

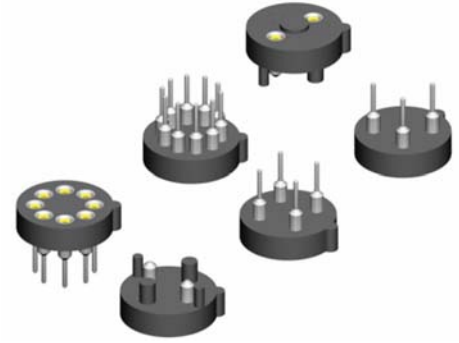
Sockets for TO-5 and TO-18 packages.

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

Insertion force	1,80 N (avg)
Extraction force	0,90 N (avg)
Contact life	> 100 cycles
Solderability	as per IEC 60068-2-58
Contact security:	
-Vibration	as per EN60352-4
-Shock	as per EN60352-4

Material

Insulator (RoHS compliant)	PBT UL 94 V-0
Terminal (RoHS compliant)	CuZn
Plating	Sn (leadfree), Ni underplated
Contact (RoHS compliant)	BeCu
Plating	Au, Ni underplated

Electrical data

Contact resistance at 1A	4,3 mΩ typ.
Current rating	1A max., 100V
Contact capacitance at 1MHz	2 pF max.
Insulation resistance at 500V DC	5 × 10 ⁹ Ω min.
Breakdown voltage at 60 Hz	500 V AC
Contact resistance	≤ 7 mΩ

Operating temperature

-55° C to +125° C

More information, for example about testresult please ref. to page 49 or contact E-tec.

Socket for TR 5 Fuses	Specifications (vary from the above)																				
	<p>Electrical</p> <table border="0"> <tr> <td>Contact resistance at 1A</td> <td>4,3 mΩ typ.</td> </tr> <tr> <td>Current rating at 250 V; 1,6 W</td> <td>6,3 A max.</td> </tr> <tr> <td>short time 45 sec.</td> <td>9 A</td> </tr> <tr> <td>15 sec.</td> <td>11 A</td> </tr> <tr> <td>5 sec.</td> <td>16 A</td> </tr> </table> <p>Mechanical</p> <table border="0"> <tr> <td>Insertion force</td> <td>> 13 N</td> </tr> <tr> <td>Extraction force</td> <td>< 4 N</td> </tr> </table> <p>Probe diam.</p> <p>0,58 - 0,62mm</p> <p>Material</p> <table border="0"> <tr> <td>Insulator (RoHS compliant)</td> <td>Stanyl PA 46 Type UL 94 V-0</td> </tr> </table> <p>Temperature</p> <table border="0"> <tr> <td>Operating temperature</td> <td>-55° to +125°C</td> </tr> <tr> <td>Processing temperature</td> <td>+250°C +0/-5°C for 20-40sec.</td> </tr> </table>	Contact resistance at 1A	4,3 mΩ typ.	Current rating at 250 V; 1,6 W	6,3 A max.	short time 45 sec.	9 A	15 sec.	11 A	5 sec.	16 A	Insertion force	> 13 N	Extraction force	< 4 N	Insulator (RoHS compliant)	Stanyl PA 46 Type UL 94 V-0	Operating temperature	-55° to +125°C	Processing temperature	+250°C +0/-5°C for 20-40sec.
Contact resistance at 1A	4,3 mΩ typ.																				
Current rating at 250 V; 1,6 W	6,3 A max.																				
short time 45 sec.	9 A																				
15 sec.	11 A																				
5 sec.	16 A																				
Insertion force	> 13 N																				
Extraction force	< 4 N																				
Insulator (RoHS compliant)	Stanyl PA 46 Type UL 94 V-0																				
Operating temperature	-55° to +125°C																				
Processing temperature	+250°C +0/-5°C for 20-40sec.																				
TOS-202-S001-95																					