

Order Code	Price Each		
	1+	6+	12+
517-082	2,845.00	2,520.00	2,310.00

**IC Test Clips**

**SOIC Small-Outline IC**



These test clips are for the easy and convenient testing of surface mounted small-outline IC's (SOIC's). Strong helical springs and insulating contact combs ensure contact integrity during testing. Probes or single row female connectors will connect to the 0.025" (0.63mm) square, gold plated contacts on 0.1" (2.54mm) centres.

IC pin spacing 0.05" (1.27mm)

Mfrs. List No. 178-278/279/280 923650-xx, 178-282/283 923660-xx, where xx=No. of ways

211463

	Order Code	Price Each		
		1+	10+	+
<b>Narrow Bodied 0.15" (3.81mm)</b>				
8 way	178-278	674.00	548.00	--
14 way	178-279	1,286.00	1,017.00	--
16 way	178-280	1,084.00	857.00	--
<b>Wide Bodied 0.3" (7.62mm)</b>				
20 way	178-282	722.00	623.00	--
24 way	178-283	842.00	707.00	--

**Transistor/Diode Sockets and Fixing Hardware**

**Transistor and IC Sockets**



- Polyester thermoplastic
- Gold flash contacts
- TO-18, TO-5/39 sockets fit 0.1" (2.54mm) grid
- TO-99 socket fits 0.3" (7.62mm) square pattern
- TO-100 socket fits 0.4" (10.16mm) grid
- -55°C to +150°C temperature range
- UL recognised

177-129 432-775

211550

	Order Code	Price Each			
		5+	100+	250+	500+
<b>Order Multiple = 5</b>					
3 pin TO-18	177-128	28.00	26.00	25.00	23.00
3 pin TO-5, TO-39	177-129	32.00	29.00	28.00	26.00
<b>Order Multiple = 1</b>					
8 pin TO-99	177-130	90.00	82.00	84.00	84.00
10 pin TO-100	432-775	69.00	58.00	56.00	49.00

**Spring Mounting Clips**



**Single Clips**



**Double Clips**



A convenient and reliable method of mounting plastic power devices, applying an even pressure across the body. Produces excellent heat transfer characteristics.

Available as single or double clips. The double clip requires one screw, and is suitable for any panel or pad thickness. Zinc plated, clear passivated finish. Isolation voltage 1kV.

Packages	Max. Panel Thickness (mm)	Max. Pad Thickness (mm)	Max. Force (kg)	Mfrs List No.	Order Code
1 x TO-220	2.0	0.2	3.0	TSC704	557-729
1 x TO-3P, TO-218, TO-247	2.0	0.5	3.5	TSC903	557-730
2 x TO-220	-	-	-	TSC607-ZP	520-111
2 x TO-3P, TO-218, TO-247	-	-	-	TSC506-ZP	520-135

211444

Package	Order Code	Price Each			
		10+	100+	250+	1K+
<b>Single Clips</b>					
TO-220	557-729	11.00	7.00	5.00	4.00
TO-3P, TO-218, TO-247	557-730	11.00	8.00	6.00	4.00
<b>Double Clips</b>					
TO-220	520-111	28.00	21.00	18.00	12.00
TO-3P, TO-218, TO-247	520-135	35.00	28.00	21.00	15.00

**Transistor Insulating Bushes**



- For use with screw mounted transistors
- Isolates transistors from heatsinks
- Popular TO-220 and TO-3 sizes
- Nylon construction
- Suitable for use with Sil-Pad and other thermal pads
- Sold in packs of 10

222200

Size	Order Code	Price Per Pack			
		1+	25+	100+	1K+
<b>Pack Quantity = 10</b>					
TO-220	936-649	77.00	55.00	43.00	33.00
TO-3	936-637	77.00	55.00	43.00	33.00

**Thermal Interface Materials**

**Heatsink Compound**

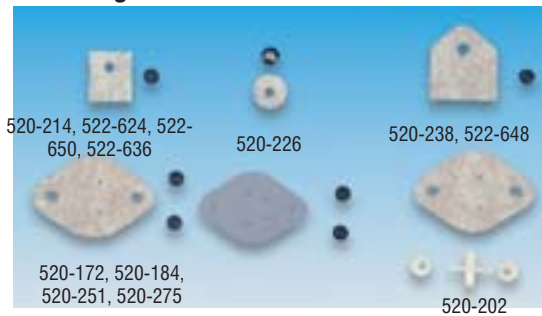


- Eliminates thermal 'hotspots'
- Silicon oil based
- Excellent thermal resistance, typically 0.05° C/W
- Volume resistivity 5 x 10<sup>14</sup>Ω/cm
- Operating temperature range -40°C to +200°C
- Excellent thermal stability
- Choice of container size

211536

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	+
<b>Order Multiple = 5</b>					
4gm tube	120-SA	335-4076	248.00	204.00	176.00
60gm jar	120-2	335-4106	773.00	556.00	480.00
140gm tube	120-5	335-4040	1,440.00	1,034.00	894.00
230gm jar	120-8	335-4039	1,797.00	1,290.00	1,116.00

**Transistor Insulating Kits**



- All kits offer 1kV isolation, except 520-202 (2kV)
- 520-172/520-251 use 4.37mm high bushes, shank length 3.2mm
- 520-184 uses 6.35mm high bushes, shank length 5.2mm
- The kits with silicone impregnated washer eliminate the need for heatsink compound
- It is recommended that heatsink compound should be used with Mica washer kits - See above
- ◇ Suitable for TO-218 devices with rounded tab (e.g. some bipolar transistors).
- ◆ Suitable for TO-247/TO-3P devices with rectangular tab (e.g. power MOSFET's).

211557

Type	Order Code	Price Each			
		10+	250+	1K+	10K+
<b>Kits with Mica Washer</b>					
MK3301	520-172	10.00	8.00	7.00	7.00
TO-3 (6.35mm bush)	520-184	14.00	9.00	8.00	7.00
TO-3 (2kV isolation)	520-202	17.00	13.00	9.00	8.00
TO-220	520-214	10.00	9.00	7.00	6.00
TO-126	520-226	12.00	7.00	6.00	6.00
◇ SOT-93 (TO-3P, TO-218)	520-238	13.00	8.00	7.00	6.00

Semiconductors - Hardware

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Compliant Non-compliant + Limited stock - RoHS replacement available  
**RoHS**