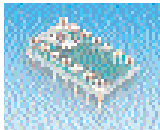


IC Sockets - Dual-In-Line — Continued

Turned Pin with Decoupling Capacitor



- In-built 0.1µF chip capacitor from Vcc to Gnd
- Greater suppression than leaded capacitor equivalents
- Low profile
- 4-leaf beryllium copper spring contacts, gold plated
- Tin plated pins
- Glass epoxy laminate body, **UL94V-0** rated

Temperature range	-65°C to +125°C	Pin spacing	0.1" (2.54mm)
Insulation resistance	5 10 ⁹ Ω	Contact resistance	3.5mΩ
Dielectric withstand voltage	2100V(min)	Body height	4.45mm

Socket for DIL IC packages designed for fast in-field board maintenance. The latch acts as a locking device to prevent disconnection and is ideal for high vibration environments. When used as an ejector, the latch removes the DIL package without damage. Glass filled thermoplastic body to **UL94V-0**. Turned pin contacts are beryllium copper, gold plated. Solder tail terminations are tin plated brass.

Temperature range	-55°C to +105°C	Pin spacing	0.1" (2.54mm)
		Row spacing	0.6" (15.24mm)

Mfrs. List No. xx-C182-10, where xx = No. of ways

SH10

Row Spacing	Order Code	Price Each			
		1+	25+	100+	500+
0.3" (7.62mm)	14 way	178-211			
	16 way	178-212			
	18 way	311-3437			
	20 way	178-213			
	24 way	178-214			
0.6" (5.24mm)	28 way	311-3693			
	24 way	311-3700			
	28 way	178-216			
	32 way	178-217			
40 way	178-218				

Order Code	1+	Price Each		
		25+	100+	250+
24 way	.177-819			
28 way	.177-820			
32 way	178-947			
40 way	.177-821			

Universal Zero Insertion Force Test Socket 



Range of ZIF sockets which will accept DIL devices with either 0.3" (7.62mm), 0.4" (10.16mm) or 0.6" (15.24mm) row spacing, with a pin width of 0.38mm to 1.14mm. Sockets are lever locking, ON in DOWN position. Body is of polyphenylene sulphide, meeting **UL94V-0** specification.

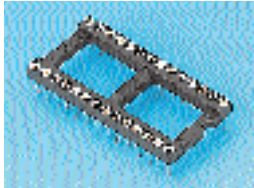
Pin spacing	0.1" (2.54mm)	Contact rating	1A
IC row spacing	0.3" (7.62mm) to 0.6" (15.24mm)	Breakdown voltage (min)	1000V ac
PCB row spacing	0.6" (15.24mm)	Insulation resistance	1000MΩ
Contact material	Beryllium copper, tin plated	Life (min)	25,000 cycles

Mfrs. List No. xx-6554-10, where xx = No. of ways

SH14

Order Code	1+	Price Each		
		10+	25+	100+
24 way	.178-235			
28 way	.178-236			
32 way	178-237			
40 way	.178-238			
48 way	.547-372			

Solderless DIP Sockets



- No soldering required
- Reliable, press fit contacts
- Recommended hole size dia. 1.94-1.09mm
- Recommended board thickness 1.5-2.0mm
- Low profile, body height = 4.2mm
- Tin/lead plated brass pins
- 0.25µ gold-on-nickel plated BeCu contacts
- Glass filled polyester body, **UL94V-0** rated

Contact resistance	1A	Insulation resistance	10,000 MΩ min.
Contact resistance	<10mΩ	Mechanical life	100 cycles min.
Dielectric strength	1kV ac min.	Temperature range	-55°C to +125°C

Mfrs. List No. D26XX-01 where XX = no. of ways

SH250

Order Code	1+	Price Each			
		100+	250+	500+	1K+
0.3" (7.62mm) Row Spacing					
8 way	300-1740				
14 way	300-1799				
16 way	300-1829				
18 way	300-1854				
20 way	300-1866				
0.6" (15.24mm) Row Spacing					
24 way	300-1878				
28 way	300-1880				
32 way	300-1891				
40 way	300-1908				

Zero Insertion Force Test Socket



Glass filled polyester socket with gold plated over nickel, beryllium copper contacts. Incorporates locking lever of stainless steel which holds the IC firmly in place.

Pin spacing	0.1" (2.54mm)
Row spacing	0.6" (15.24mm)
Contact rating	1A
Breakdown voltage	2000V
Contact resistance	<5mΩ @ 100mA

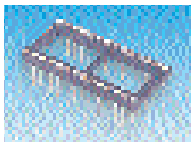
Mfrs. List No. M77xx-05, where xx = No of ways

SH13

Order Code	1+	Price Each		
		10+	25+	100+
24 way	.170-452 †			

† Available until stocks are exhausted

Extended Sockets – Turned Pin Contacts 



- Bridges components to save pcb space
- 5mm min. clearance from pcb
- Facilitates test hook connection to IC pins
- Beryllium copper brass contacts, tin shell and gold clip
- 1000 insertions min.
- Glass filled polyester body, **UL94V-0** rated

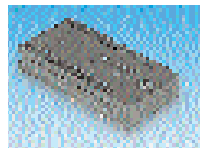
Pin spacing	0.1" (2.54mm)	Row spacing	0.6" (15.24mm)
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Mfrs List No. D75 0xx-01, where xx = No. of ways

SH9

Order Code	1+	Price Each	
		100+	500+
24 way	176-367		
28 way	176-368		
40 way	176-369		

Economy Zero Insertion Force Test Socket



- Screw action lock
- Gold plated contacts

Mfrs. List No.	216-6278-00-3303 = 328-6435
	224-4844-00-3303 = 291-158
	228-4845-00-3303 = 291-160
	232-1297-00-3303 = 328-6423
	240-4846-00-3303 = 291-171

Pin spacing	0.1" (2.54mm)	Body	Glass filled polyetherimide UL94V-0
Row spacing	0.6" (15.24mm)	Contacts	Beryllium copper, gold flash plated
Contact rating	1A	Temperature range	-55°C to +105°C
Breakdown voltage	1kV		

SH142

Order Code	1+	Price Each		
		30+	50+	100+
16 way	328-6435			
24 way	291-158			
28 way	291-160			
32 way	328-6423			
40 way	291-171			

Lock/Eject – Turned Pin Contacts

