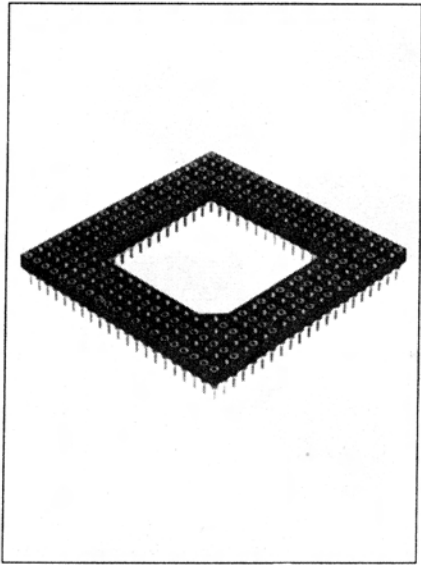


PGA-Sockets with staggered contacts
Pin grid array sockets with screw machined pins
Extremely low insertion/extraction force PGA socket
standard pins

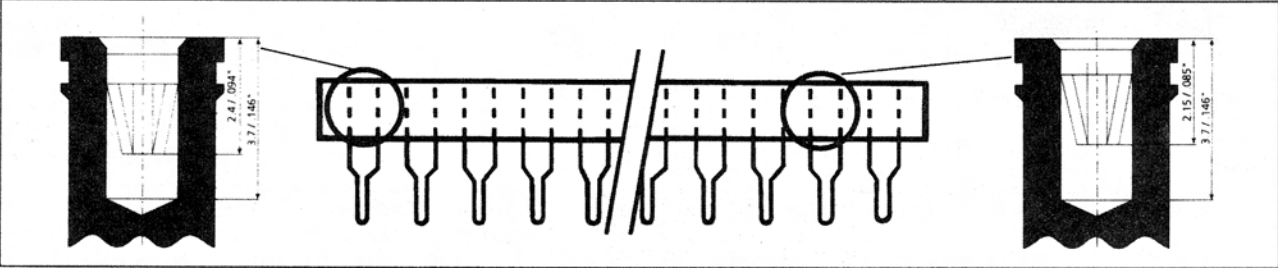
General Technical Data

- About 50 percent reduced insertion and extraction force than standard versions
- Alternating contact zones
The contact zones alternate between 2.40 mm / .094" and 2.15 mm / .085"

	6-Finger VLI (Pin Code B0-B3)	6-Finger VVLI (Pin Code B4-B7)
• Average insertion force per contact	1.0 N	0.42 N
• Average withdrawal force per contact measured with steel pin	0.15 N ∅ 0.43/.017"	0.15 N ∅ 0.457/.018"

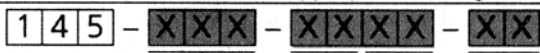


Example for typical PGA sockets	Standard PGA Socket		Staggered PGA Socket	
Average insertion force for PGA socket 168 pins (CPU 486) 145-168-1717-XX PGA socket 273 pins (CPU Pentium) 145-273-2101-XX	6-Finger VLI 168.00 N 273.00 N	6-Finger VVLI 70.56 N 114.66 N	6-Finger VLI 84.00 N 136.50 N	6-Finger VVLI 35.28 N 57.33 N
Average extraction force for PGA socket 168 pins (CPU 486) 145-168-1717-XX PGA socket 273 pins (CPU Pentium) 145-273-2101-XX	25.20 N 40.95 N	25.20 N 40.95 N	12.60 N 20.47 N	12.60 N 20.47 N



How to order

Please replace **X** with appropriate coding listed in the tables below



Number of contacts

PGA body size

PGA footprint

Pin code (for staggered versions only)

Definition
refer to PGA footprints on pages,

Definition	Code
10 x 10	10
up to	up to
21 x 21	21

Definition
refer to PGA footprints on pages,

Definition	Code
900-1002 =	B0
900-1004 =	B1
900-1006 =	B2
900-1008 =	B3

Definition	Code
900-100F =	B4
900-100G =	B5
900-100H =	B6
900-100T =	B7