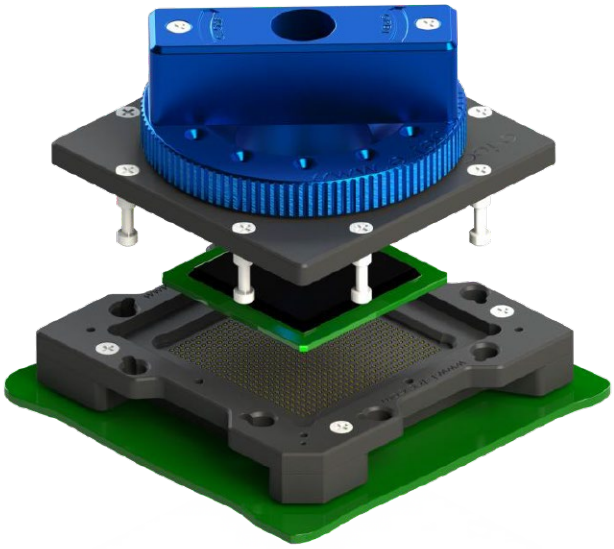
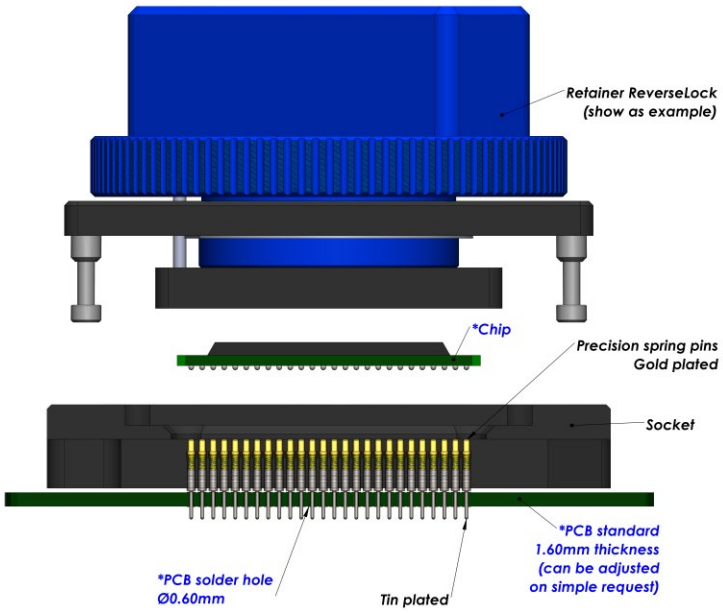
Through-hole (THT) soldering Test Socket

For BGA / Bumped chip / WLCSP / eMMC Package

1.27 mm pitch (from 1.27 mm upwards)





E-tec Interconnect AG is the world leading Test socket manufacturer

The Through-hole socket uses the same footprint as your chip. Socket is simply placed and wave soldered onto the PCB in the same way as the chip and it only requires a small amount of additional board space. Through-hole sockets are available with all retention systems. Please note, we will always request the chip data to ensure we offer a compatible socket.

Specifications contact type code 1270			
Application	Through-hole technology	**Force**	25 gr
Mounting	THT	**Current rating**	2.2 A
Bandwidth (GHz@-1dB)	3 GHz	**Capacitance pF**	< 1 pF
Contact resistance	<100mOhm	**Inductance nH**	< 2 nH
Chip contact tip shape	Single Point tip or Concave tip	**Temperature range**	-55°C to +150°C
PCB tip shape	Through-hole	**Mating cycles**	100 K

How to order

BU # ####-127# - ###### #5 #

Shape of tip
- **U :** Concave

Options:
- **P :** Pointed
- **S :** Spring
- **C :** Crown

Nbr of contacts

Depends on ballcount of chip

Contact type
- **70 :** Standard THT
- **72 :** Special THT to plug into MGS adapters

Plating
- **95:** Tin / Gold
- **55:** Gold / Gold

Other on request

Option code (see page 16-19)
- **D :** Dead bug
- **M :** Multi frames
- **U :** Multi packages
- **S :** Custom opening slot
- **L :** Locating pegs
- **A :** Alignment plate
- **H :** Heatsink
- **F :** Fan + Heatsink
- **P :** Thermal drain pad
- **W :** Transparent lid
- **I :** Steel retention lid
- **B :** Aluminium retention lid
- **T :** Torque tool fixture
- **G :** Handling button

Retention frame type (Lid) (see page 12-15)
- **W:** TwistLock
- **F :** FastLock
- **B :** SpringLock
- **H :** Open Clamshell Alu (<200 contacts)
- **J :** Clamshell Alu (>200 contacts)
- **L :** Open Lever Clamshell Alu (>200 contacts)
- **S :** ScrewLock
- **Q :** Open QuickLock (<200 contacts)
- **D :** QuickLock (>200 contacts)
- **M :** Injection Molded ClamShell
- **R :** ReverseLock
- **T :** SlimLock

Grid code / Config. code

Will be given by the factory after receipt of the chip datasheet

RoHS compliant