

ZIF Test Socket

For for Flex Cables, Displays and Membrane keyboards
From 0.40 mm pitch up to 2.54 mm

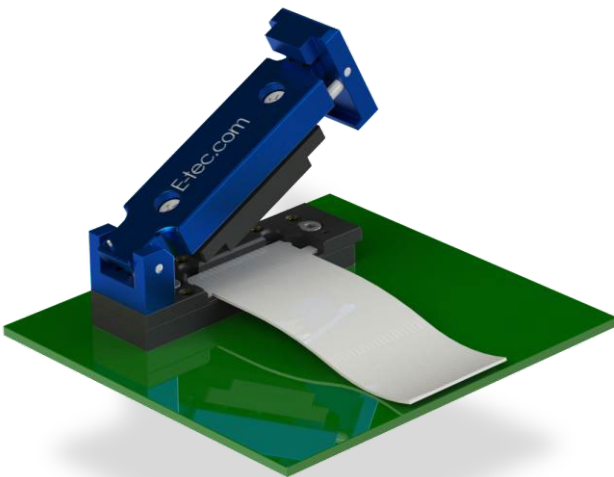
E-tec Interconnect AG is the world leading Test socket manufacturer

The ZIF test Socket are used for functional and reliability high cycle testing for Flex Cables, Displays and Membrane keyboards. Depends on your application, the place on your board and the pitch, you can choose to fix the socket directly on your PCB with our different mounting options or connect your actual PCB with our test adapter with FFC / FPC interface flat cable. In order to provide you with the correct ZIF test socket for your Flex Cables, Displays and Membrane keyboards, we will ask you for device / FFC / FCP drawing, detailed information about the application, cable you are using as well as its dimensions, pitch and performance. We aim to solve your requirements.

Different sockets series available

FCT Series

To be fix on your PCB.
Solderless / SMT / THT
depend on pitch and application



FCP Series

To be placed outside your PCB.
Connected with flat cable to your
actual PCB



FTU Series

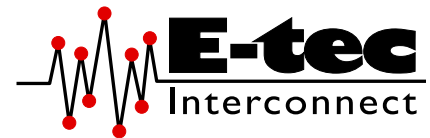
To be placed outside your PCB.
Connected with flat cable to your actual PCB



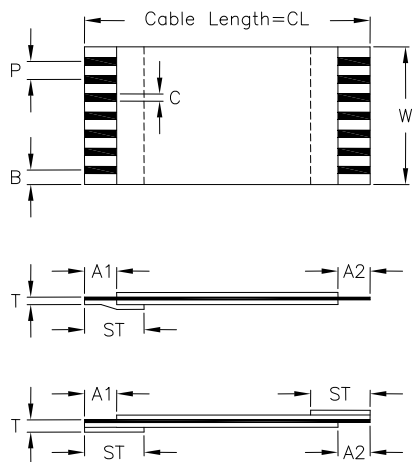
More on the next page

ZIF Test Socket

For for Flex Cables, Displays and Membrane keyboards
From 0.40 mm pitch up to 2.54 mm



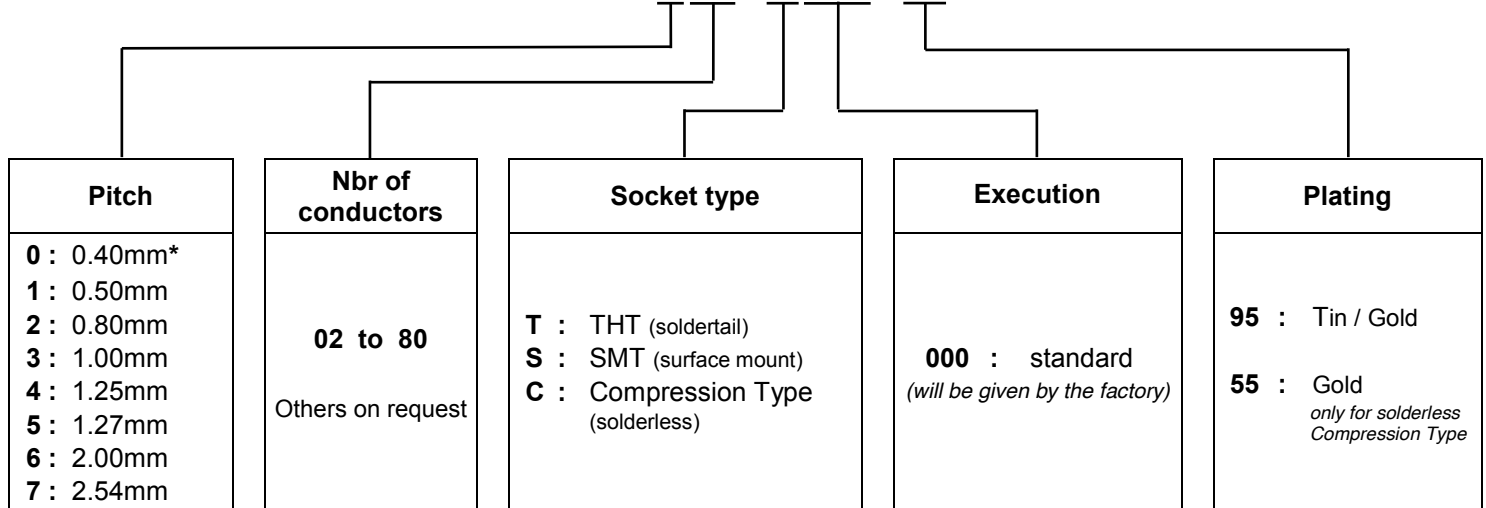
FCT Series specifications & How to order

Cable Dimensions	Specifications	
<p>In order to be able to offer the correct socket for your cable, we need to know the type of cable you are using and the corresponding dimensions as shown below.</p> <p>Please send the datasheet of your cable together with your socket request.</p> 	<p>Mechanical data Contact life Retention System life Solderability Individual contact force</p> <p>Material Insulator (RoHS compliant) Terminal (RoHS compliant) Spring (RoHS compliant)</p> <p>Electrical data Contact resistance Current rating Insulation resistance at 500V DC Breakdown voltage at 60 Hz Capacitance Inductance</p> <p>Operating temperature</p> <p>Processing temperature</p>	<p>100K cycles min. 10K cycles min. as per IEC 60068-2-58 40 grams max.</p> <p>High temp plastic or Polyepoxy Brass BeCu</p> <p>< 100 mΩ 1 A – 2 A depend on pitch 100 MΩ if 0.50 to 0.80mm pitch 500 MΩ 1.00mm pitch upwards 500V min. < 1 pF < 2 nH</p> <p>-55°C to +150°C</p> <p>260°C for 60sec.</p>

A detailed socket drawing with the required PCB layout dimensions will be submitted by E-tec for each project.

How to order

FCT - x xx- Xxxx - xx



* Only with Compression socket type

FCP & FTU Series specifications and How to order

**For more information
please contact your E-tec Sales office**

