

Adapters

QFP100 - TET

Target CPU package: QFP100
 Body size: 14 mm x 14 mm
 Pitch: 0.5 mm
 POD target layout: T_QFP176

Can be used with:

- V850ES/Fx3 ActivePRO POD
- V850ES/Fx3 ActiveGT POD

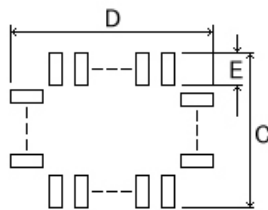
Note that adapter solutions stated in the document can be used only with listed PODs. Disregarding this warning may result in hardware failure of the target and the emulation system.

► Available Adapter Parts (by ordering code):

- **IA100TQ-SOLDER**

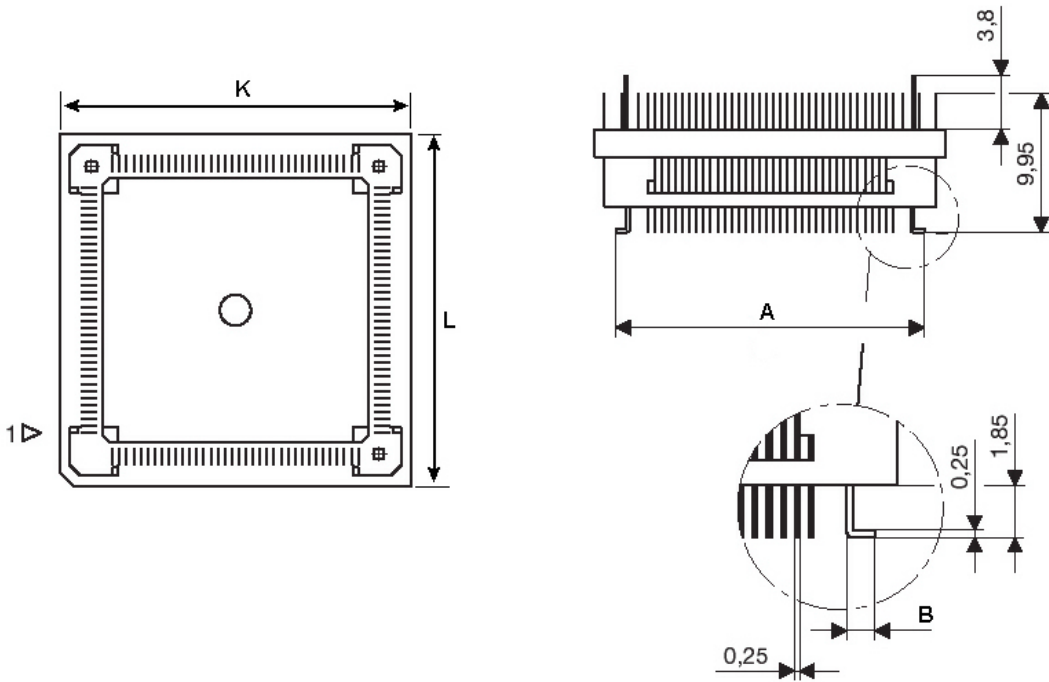


Solder part, which is being soldered to the target.



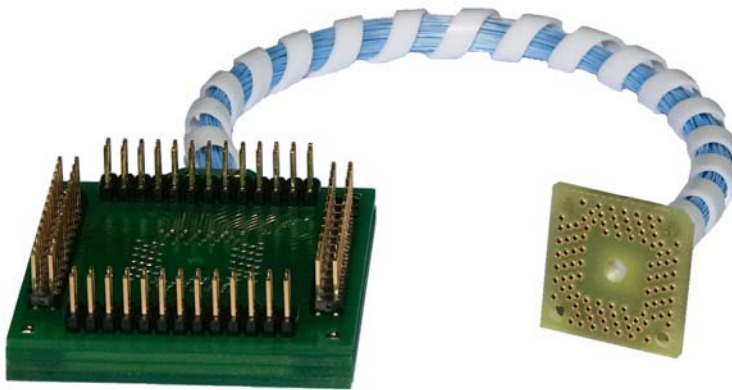
(Unit: mm)						
A	B	C	D	E	K	L
16.5	1.125	17.0	17.0	2.15	19.55	19.55

Recommended (by TET) PCB footprint size



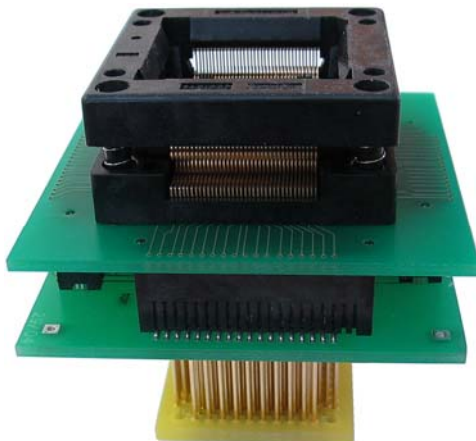
IA100TQ-SOLDER dimensions

- **IA176P100TQ-WFX3**



The IA176P100TQ-WFX3 represents flexible connection between the POD and the target.

- **IA100TQ-CPU**



The IA100TQ-CPU is used to connect the CPU directly to the target. The picture does not show exactly the IA100TQ-CPU but IA144TQ-CPU which looks exactly the same considering that it has different pin count.

► Assembly

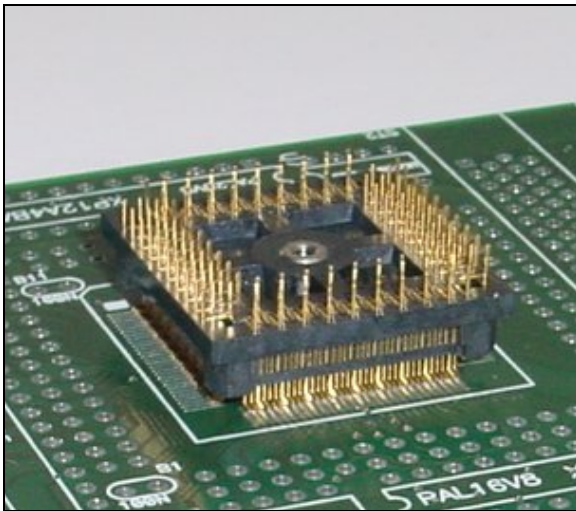
While assembling the adapter and connecting the POD to the target, pay attention to pin 1. Improper use of the adapter or even incorrect adapter used with your particular POD can damage the emulation system and the target.

1. First, connect the IA176P100TQ-WFX3 to the POD.
2. Next, solder down the IA100TQ -SOLDER to the target PCB
3. Finally, connect the POD to the soldered IA100TQ -SOLDER via the IA176P100TQ-WFX3.

Connecting the CPU directly to the target

The CPU can be connected directly to the target using the IA100TQ-SOLDER in combination with the IA100TQ-CPU. This solution is very suitable for an ultimate test.

Step 1: Solder the IA100TQ-SOLDER to the target PCB.



Step 2: Insert the CPU into the IA100TQ-CPU, which then connects to the IA100TQ-SOLDER.