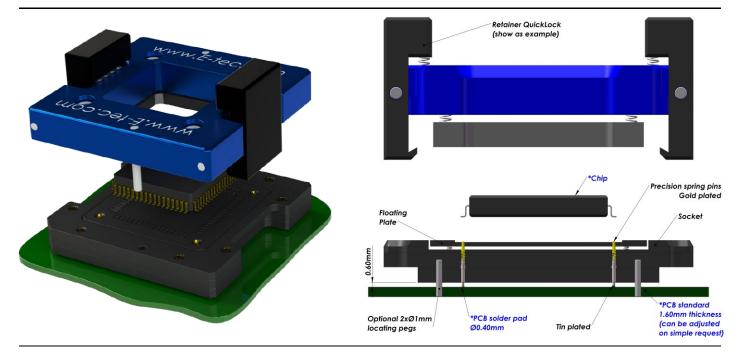
## Standard SMT soldering Test Socket

For SOP / DSO / SOIC / QFP / xQFP / Flatpack Package **0.80 mm pitch** (from 0.80 mm up to 0.99 mm)





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

The SMT socket uses the same footprint as your chip. Socket is simply placed and reflowed onto the PCB in the same way as the chip and it only requires a small amount of additional board space. SMT type sockets are available with all retention systems. We aim to solve your requirements. Please note, we will always request the chip data to ensure we offer a compatible socket. For SMT sockets in general, E-tec Interconnect AG recommends the use of locating pegs, which can be soldered to the PCB for added mechanical strength.

Specifications contact type code 0830							
Application	Surface mouting	Force	30 gr				
Mounting	SMT	Current rating	1.8 A				
Bandwidth (GHz@-1dB)	2.6(4.4) GHz	Capacitance pF	0.59 pF				
Contact resistance	<100mOhm	Inductance nH	1.70 nH				
Chip contact tip shape	Single Point tip or Concave tip	Temperature range	-55°C to +150°C				
PCB tip shape	SMT	Mating cycles	100 K				

How to order

## QU#####-0830 - ###### 95 #

Shape of tip	Nbr of Contact type			Plating	Op	otion code (see page 16-19)
U:Concave	<u>contacts</u>	<b>30</b> : Standard SMT – Dimension A = 0.60 r	nm	95 : Tin / Gol	d D:	Dead bug
Options:	Depends on ballcount of chip			Other on reque	st U:	Multi packages
P:Pointed	balleount of emp				<b>S</b> :	Custom opening slot
					L :	Locating pegs
Retention frame type (Lid) (see page 12-15)				Grid code /		Heatsink
S : ScrewLock		<b>Q</b> : Open QuickLock (<200 contacts)	<u> </u>	Config. code Will be given by the factory after receipt of the chip datasheet		Fan + Heatsink
<b>F</b> : FastLock		<b>D</b> : QuickLock (>200 contacts)				Thermal drain pad
B : SpringLock		M: Injection Molded ClamShell				Transparent lid
						Steel retention lid
H: Open Clamshell Alu (<200 contacts)					Т:	Torque tool fixture
J : Clamshell Alu (>200 contacts)					В:	Aluminium retention lid
L: Open Lever Clamshell Alu (>200 contacts)		- I			G :	Handling button

