

REV	DESCRIPTION	DATE	BY
A	NEW DRAWING	02/08/05	M.W.
B	UPDATED SPECS & DWG	05/12/15	JAG

SKT2224

**APPLICATIONS**

ET probes are used in battery charger or electronic device applications such as:

1. Camcorders
2. Circuit board to board docking stations
3. Cellular phones
4. 2-way radios
5. Computer docking stations
6. Cordless phones
7. Chargers
8. InkJet Printers
9. Notebook and laptop computers
10. AC/DC power supplies

Length = 9.27mm	Plunger C
Pitch = 1.60mm	Single Plunger

**BENEFITS AND FEATURES**

1. Low resistance (average 16 milliohms)
2. Better contact than nickel-plated strip contacts
3. Maintains high compliancy
4. Less susceptible to damage
5. Can accommodate up to 0.025" subsurface battery mating contact
6. Longer life than conventional interconnects

*Note: Consult factory for higher temperature applications.*

**SPECIFICATIONS**

**PRODUCT DETAIL**

Test Center:	.075 (1.91)
Recommended mounting hole size:	.053 (1.35)

**MECHANICAL SPECIFICATIONS**

Full Travel:	.050 (1.27)
Working Travel:	.050 (1.27)
Life Exceeds:	1M cycles
Overall Length:	.365 (9.27)

**OPERATING TEMPERATURE** -55° to +150°C

**ELECTRICAL SPECIFICATIONS**

Current Rating: 5 amps

**PROBE RESISTANCE**

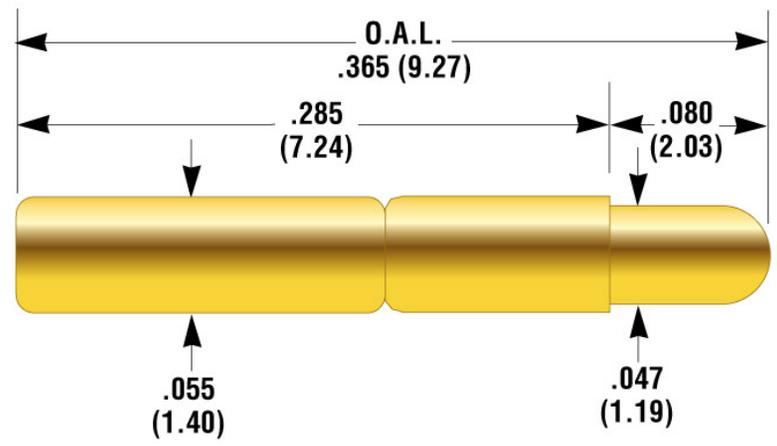
Average Probe Resistance: 50mΩ

**MATERIAL AND FINISHES**

Plunger:	Heat treated beryllium copper, gold plated over hard nickel
Barrel:	Work-hardened nickel silver, gold plated over hard nickel
Spring:	Stainless steel, silver plated

**SPRING FORCE** in oz. (grams)

Standard:	
Preload	1.1 (31)
Working Travel	3.85 (110)



ALL DIMENSIONS ARE IN INCHES (MM) UNLESS OTHERWISE SPECIFIED

**EMULATION TECHNOLOGY, INC.**  
 VLSI and SMT ADAPTERS and ACCESSORIES

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SHEET: 1 OF 1	DATE: 02/08/05	REVISION: B	<b>ASSEMBLY DRAWING</b>
CHECKED: Perry Munroe	PREPARED BY: Mark Wilson	ITEM: POGO-PIN-9.27-1	
DO NOT SCALE DRAWING			DESCRIPTION: POGO-PIN-9.27-1