

REV	DESCRIPTION	DATE	BY	SKT2225
A	NEW DRAWING	02/08/05	M.W.	

Applications

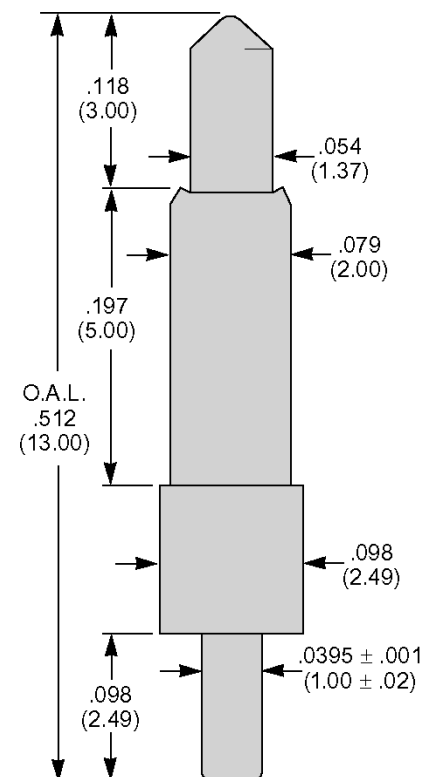
ET-BIP-3 probes are used in battery charger or electronic device applications such as:

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

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 .025" subsurface battery mating contact
6. Longer life than conventional interconnects

Notes: Consult factory for higher temperature applications.



Probe Specifications

Mechanical

Full Travel: .110 (2.79)
Recommended Travel: .060 (1.52)
Mechanical Life Exceeds: 250 x10⁶ cycles

Operating Temperature: -55°C to +85°C
Consult factory for other temperature requirements.

Electrical (Static Conditions) 5 amps d.c. max
Maximum Current Rating (Non-inductive DC)
Average Probe Resistance 30 mΩ

Materials and Finishes

Plunger: Hard nickel over beryllium copper, gold plated
Barrel: Gold plated Hard nickel over brass
Spring: Standard: Beryllium copper, silver plated
Alternate: Music wire

Mounting Hole Size: .043 (1.09) min

Spring Force in oz. (grams)

Spring Type	Preload	Recommended Travel
Standard	0.40 (11.35)	1.14 (32.35)
Alternate	1.0 (28.38)	3.0 (85.13)

Tip Styles B

Termination

Length 13.0mm

Pitch 2.65mm

Plunger D

(Single Plunger)

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED



Emulation Technology, Inc.

VLSI and SMT ADAPTERS and ACCESSORIES

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SHEET: 1 OF 1
DATE: 2/08/05
REVISION:

ASSEMBLY DRAWING

CHECKED: Perry Munroe
DRAWN: Mark Wilson

ITEM: POGO-PIN-13.0-1

DO NOT SCALE DRAWING

DESCRIPTION: POGO-PIN-13.0-1