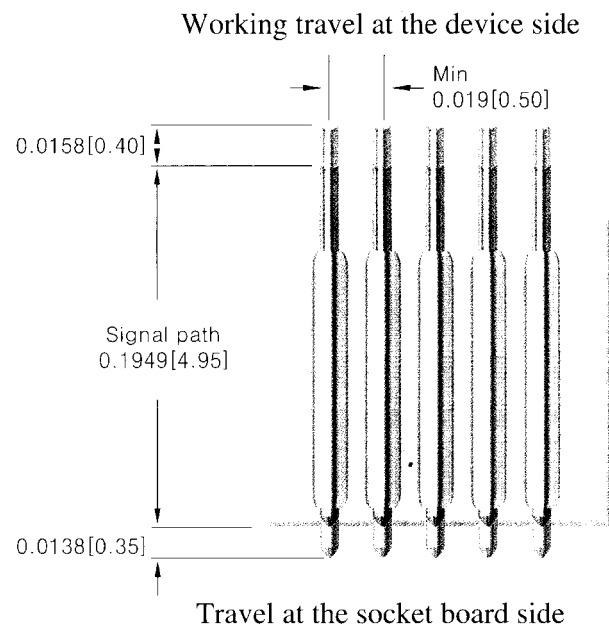
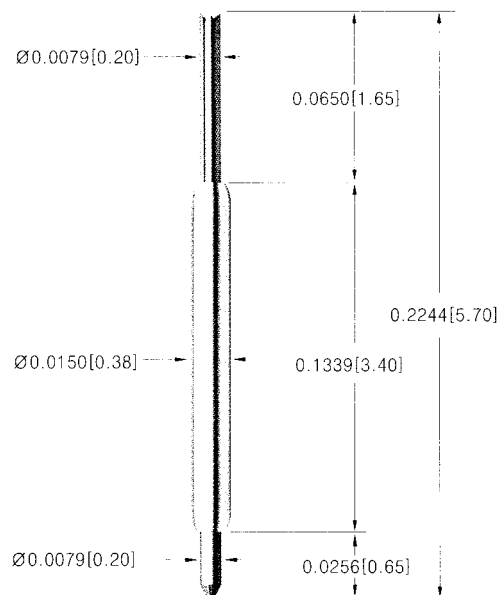


REV	DESCRIPTION	DATE	BY
	NEW DRAWING	12/02/04	H.N.



- ※ All specifications subject to change without notice.
- ※ All dimensions are in inches[mm].
- ※ All spring forces in ounces[gms].

### Spring Probe Specifications

#### Mechanical Specifications

**Spring Force: 1.06oz. (30.0 g)@ 0.0295 inch (0.75 mm)**  
**Top Plunger Travel: 0.0158 (0.40)**  
**Bottom Plunger Travel: 0.0138 (0.35)**  
**Full Travel : 0.0315 (0.80)**  
**Material : plunger - Hardded BeCu / Gold Plated Barrel - Phospher Bronze / Gold Plated Spring - Music Wire / Gold Plated**

#### Electrical Specifications

**Current Rating : 0.5A Continuous**  
**Probe Resistance : Less than 50mohm**  
**Inductance : 1.47nH ~4.0nH@30MHZ to 3.8 GHZ**  
**Bandwidth : 6 GHZ @ -0.26dB (Dielectric Material : ULTEM1000)**  
**Propagation Delay : 50ps (Dielectric Material : ULTEM1000)**

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED



**Emulation Technology, Inc.**

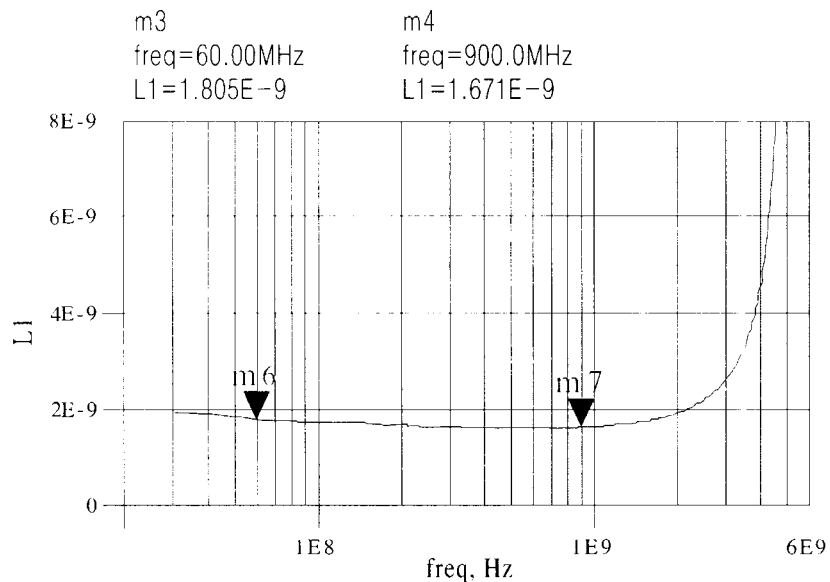
VLSI and SMT ADAPTERS and ACCESSORIES

2344 Walsh Avenue, Bldg F  
Santa Clara, CA 95051

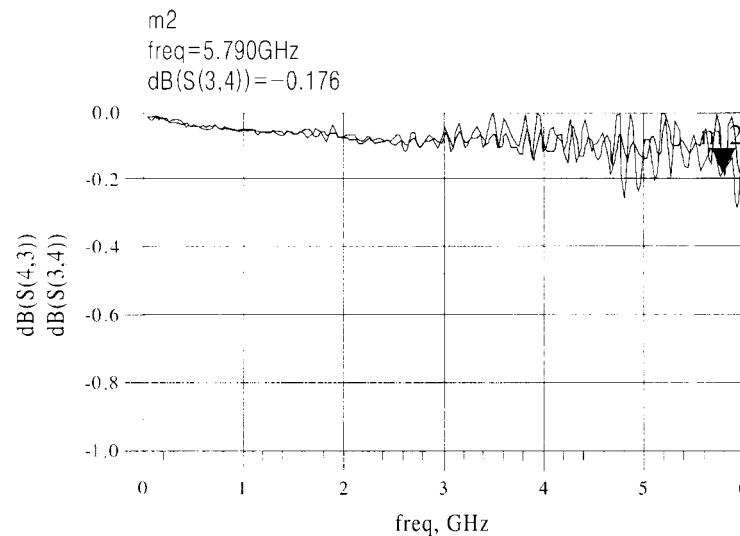
TEL: (408) 982-0660  
FAX: (408) 982-0664

SHEET: 1 OF 2		DATE: 12/02/04	REVISION:	<b>ASSEMBLY DRAWING</b>
CHECKED: Perry Munroe	DRAWN: Huy Nguyen		ITEM: POGO-PIN-5.70-2	
SCALED:	DO NOT SCALE DRAWING			DESCRIPTION: POGO-PIN-5.70-2

REV	DESCRIPTION	DATE	BY
	NEW DRAWING	12/02/04	H.N.



Inductance



S-parameter Insertion loss(S12)

### Spring Probe Specifications

#### Mechanical Specifications

Spring Force: 1.06oz. (30.0 g)@ 0.0295 inch (0.75 mm)  
 Top Plunger Travel: 0.0158 (0.40)  
 Bottom Plunger Travel: 0.0138 (0.35)  
 Full Travel : 0.0315 (0.80)  
 Material : plunger - Hardded BeCu / Gold Plated Barrel - Phospher Bronze /  
 Gold Plated Spring - Music Wire / Gold Plated

#### Electrical Specifications

Current Rating : 0.5A Continuous  
 Probe Resistance : Less than 50mohm  
 Inductance : 1.47nH ~4.0nH@30MHZ to 3.8 GHZ  
 Bandwidth : 6 GHZ @ -0.26dB (Dielectric Material : ULTEM1000)  
 Propagation Delay : 50ps (Dielectric Material : ULTEM1000)

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED



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SHEET: 2 OF 2	DATE: 12/02/04	REVISION:	<b>ASSEMBLY DRAWING</b>
CHECKED: Perry Munroe	DRAWN: Huy Nguyen	ITEM: POGO-PIN-5.70-2	
SCALED:	DO NOT SCALE DRAWING		DESCRIPTION: POGO-PIN-5.70-2