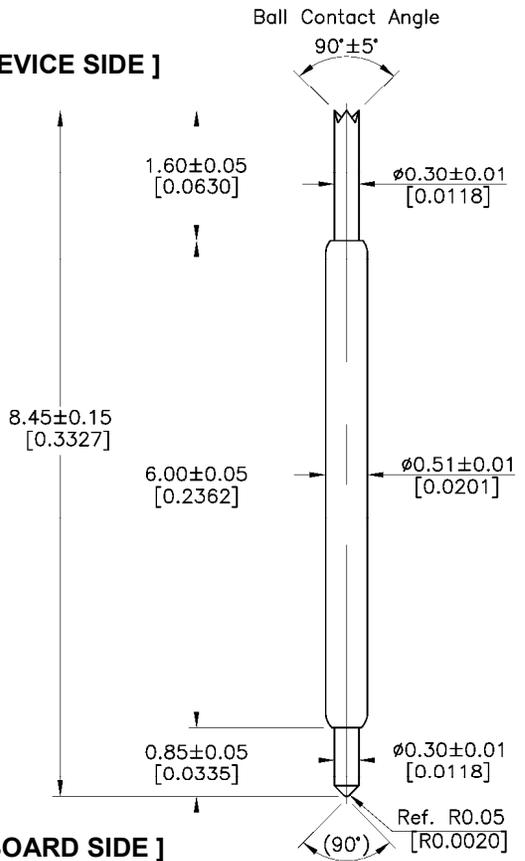


| REV | DESCRIPTION                 | DATE     | BY   |
|-----|-----------------------------|----------|------|
| A   | NEW DRAWING                 | 06/14/05 | H.N. |
| B   | ADDED MECH. & PERFORM. DATA | 09/02/16 | JAG  |

SKT2325

[ DEVICE SIDE ]



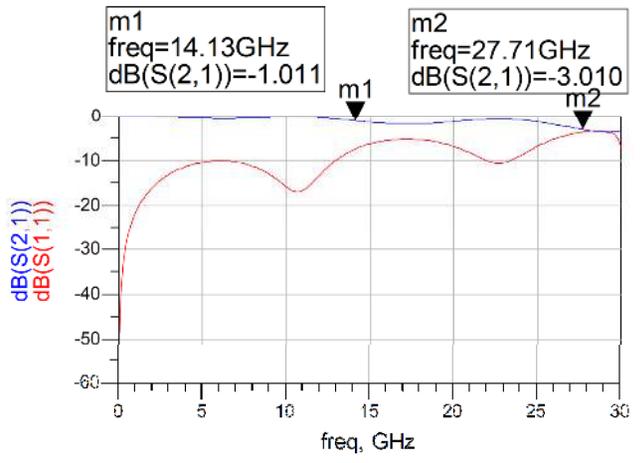
[ BOARD SIDE ]

**MEASURING EQUIPMENT**

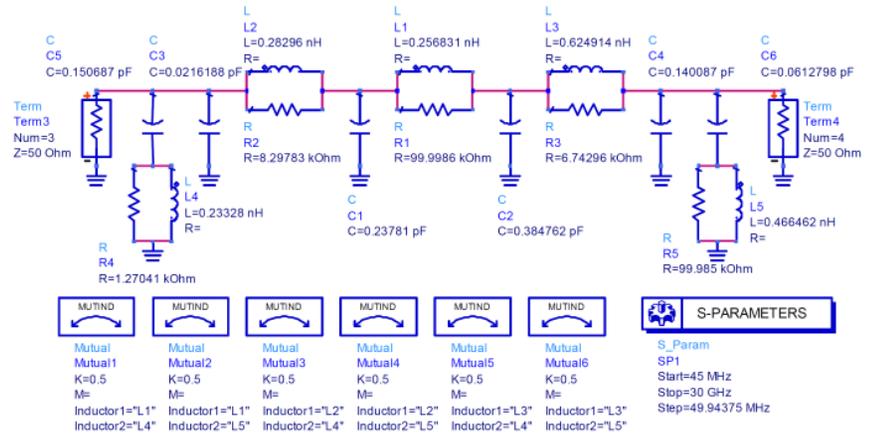
Agilent PNA-X N5244A VNA.  
Hewlett-Packard 54750A TDR module

**ELECTRICAL**

Current Rating (based on 2 min Continuous @ Ambient Temp) 3.5A  
 Self Inductance 1.16nH  
 Mutual Inductance 0.42nH (K=0.5)  
 Capacitance 1.00pF  
 Propagation Delay 72.27ps  
 Bandwidth 14.13GHz @ -1.011dB  
 (Dielectric Material: ULTEM1000)



**S-PARAMETER**



**EQUIVALENT CIRCUIT MODEL**

**MECHANICAL**

Pointing Accuracy: ± 0.05 mm

Spring Force: ± 20%

| STATE              | TRAVEL           | SPRING FORCE    |
|--------------------|------------------|-----------------|
| Initial Travel     | --               | 14.4g (0.508oz) |
| Recommended Travel | 0.60mm (0.0236") | 33.9g (1.196oz) |
| Full Travel        | 1.40mm (0.0551") | 59.8g (2.109oz) |

| PART                  | MATERIAL                  | FINISH      |
|-----------------------|---------------------------|-------------|
| Spring                | Music Wire                | Gold Plated |
| Barrel                | Phosphor Bronze           | Gold Plated |
| Plunger (Device Side) | Hardened Beryllium Copper | Gold Plated |
| Plunger (Board Side)  | Hardened Beryllium Copper | Gold Plated |

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

**EMULATION TECHNOLOGY, INC.**  
 VLSI and SMT ADAPTERS and ACCESSORIES  
 741 FLYNN ROAD  
 CAMARILLO, CA 93012  
 TEL: (805) 383-8480  
 FAX: (805) 383-8484

|                      |                        |                       |                              |
|----------------------|------------------------|-----------------------|------------------------------|
| SHEET: 1 OF 1        | DATE: 06/14/05         | REVISION: B           | <b>ASSEMBLY DRAWING</b>      |
| CHECKED: P. MUNROE   | PREPARED BY: H. NGUYEN | ITEM: POGO-PIN-8.45-1 |                              |
| DO NOT SCALE DRAWING |                        |                       | DESCRIPTION: POGO-PIN-8.45-1 |