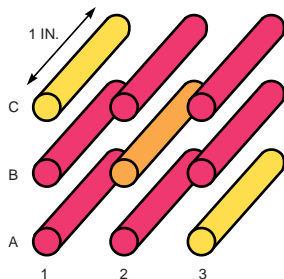


## Figure 7



**NOTES:**

PIN FIELD IS IN A DIELECTRIC

MEDIUM WITH  $\epsilon=4.5$ .

PINS ARE 40 MILS IN

DIAMETER ON 100-MIL SPACINGS.

PINS A3 AND C1=GROUND.

PIN B2=MONITORED SIGNAL.

**Simulations based on this 1-in.-long open-pin-field structure, which represents a poorly ground-referenced, high-speed connector, monitor Pin B2 and activate the surrounding pins, just as for the 6-in. structure in Figure 4.**