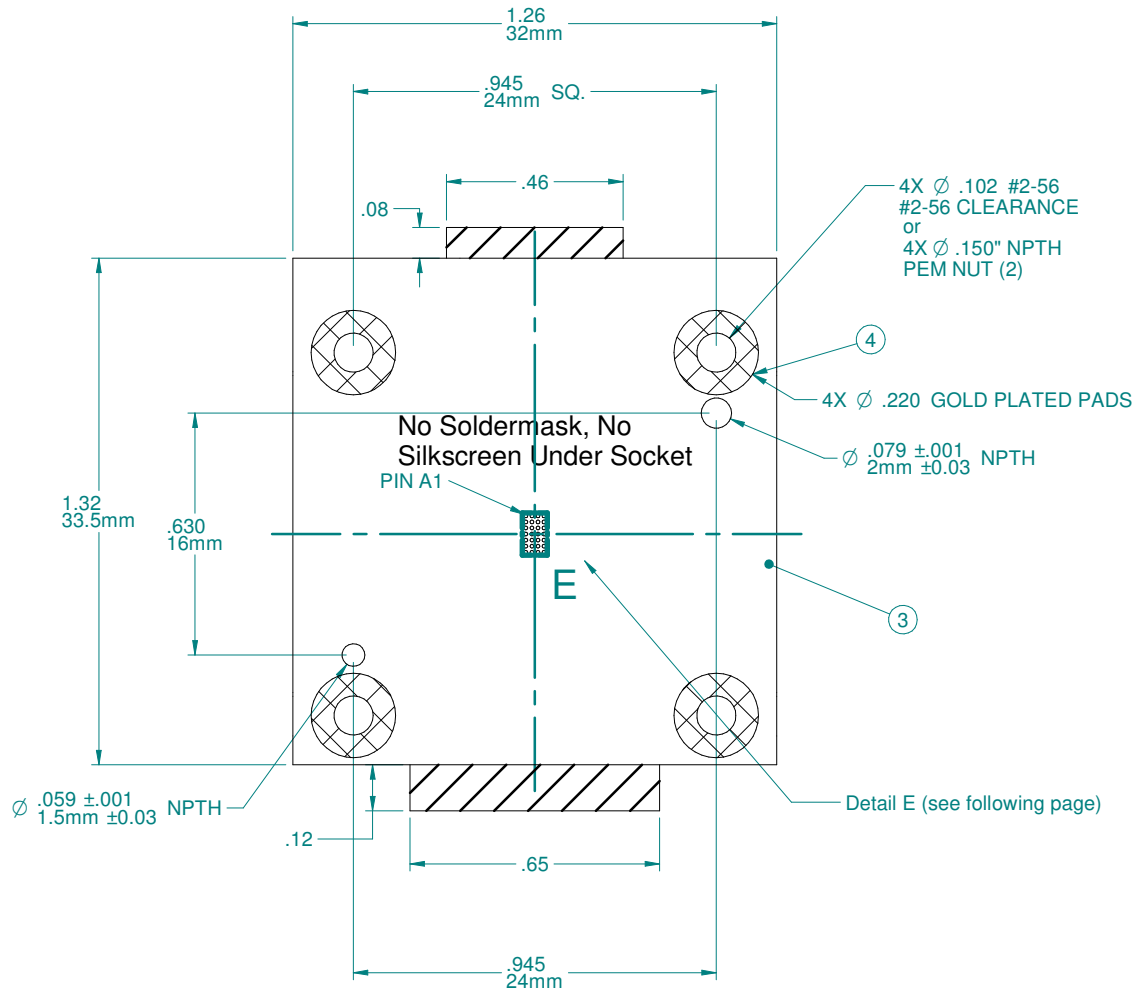


# ATE Socket Footprint

Sales Part # 900-CUSTOM-01-28+0WLCSP-DXE-0.4-00-L3445C-S



REV	DESCRIPTION	DATE	BY
A	PRELIMINARY RELEASE	01/16/18	JM
B	DEVICE UPDATE	01/31/18	JM



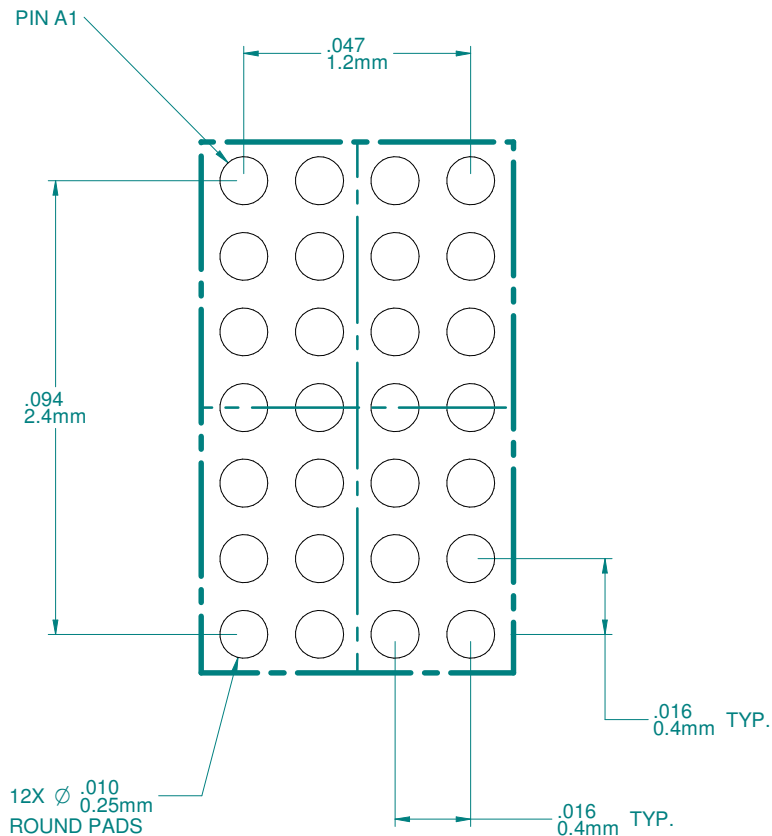
## General Layout Specifications for PCBs using RTI Pogo-Pin Sockets:

1. Board must have a minimum of 30 micro-inches of hard gold over 200 micro-inches of Nickel.
2. RTI recommends the use of PEM nuts (not supplied) pressed into the DUT board for mounting the socket to the DUT board. PEM nut requires min. 0.062" (1.6mm) thick PCB.
3. Area under socket must be free of all solder mask, hole burrs, components, etc.
4. There must be plated pads around the mounting holes. This is to keep the socket at the same height as the pogo-pin area of the socket.
5. The use of a stiffener on the back side of the DUT board is recommended to prevent the DUT board from being warped.
6. There can be no vias in the pads. RTI recommends an off-set via pattern if required, or the use of plated-over vias.
7. All hole sizes are finished size.

**NOTE: ALL DUT PAD SIZES MUST REMAIN .010" DIAMETER FINISHED SIZE AS SHOWN ON PRINT AFTER PCB FABRICATION. VIAS MAY BE ADDED TO PADS AS NEEDED BY DESIGNER FOR FAN-OUT. ANY ADDED VIAS IN THE PADS MUST BE FILLED WITH NON-CONDUCTIVE EPOXY, FINISHED FLAT ON THE SOCKET SIDE AND PLATED OVER. FLATNESS SPECIFICATION IS NOT CRITICAL, HOWEVER, ALL FINISHED DUT PAD HEIGHTS SHOULD BE WITHIN +/- 0.025mm OF OTHER PLATED SURFACES UNDER THE SOCKET BODY.**

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	<small>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:            .XX = ± .01            .XXX = ± .002            .XXXX = ± .0005</small>		DWN BY: <b>andreww</b>			CHECK BY: <b>RM</b>	<b>1008107-C</b>
			DATE: 01/16/18	TITLE: <b>CUSTOMER SPECIFICATION</b>			

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DETAIL E

**Specifications:**

1. Pad layout matches DUT pad placement.
2. Pad sizes are minimum finished dimensions.

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