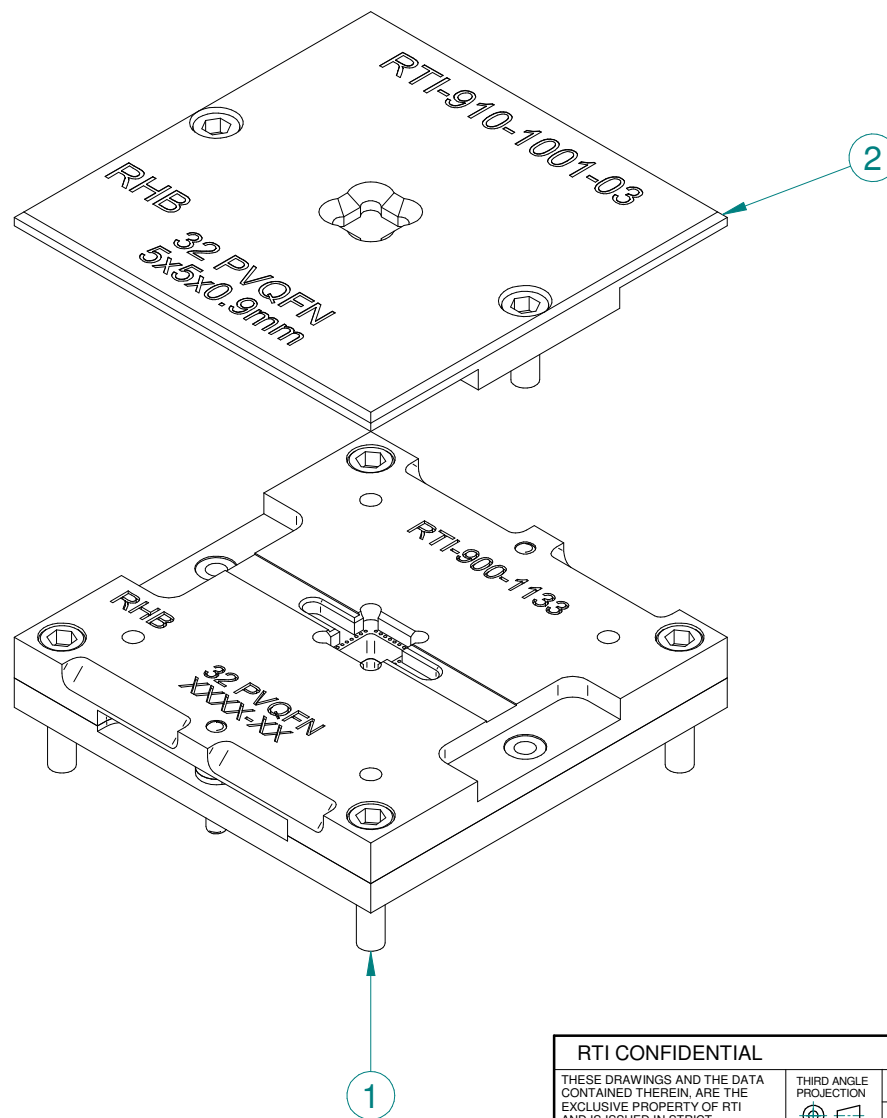


# CUSTOMER SPECIFICATION

## 32 PVQFN

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY RELEASE	01/04/19	RM



Item	Part Number	Rev	Title	Qty.
1	1008077-M	A	SOCKET ASSEMBLY	1
2	1008079-M	A	OPEN TOP FA LID ASSEMBLY	1

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MATERIAL:  
FINISH:

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.XXXX = ± .0005

ENG BY:

RM

DWN BY:

RAUL M.

CHECK BY:

DATE:

01/04/19



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PH: 408-779-8008

DRAWING NUMBER:

1008077-C

REV.

A

PAGE:

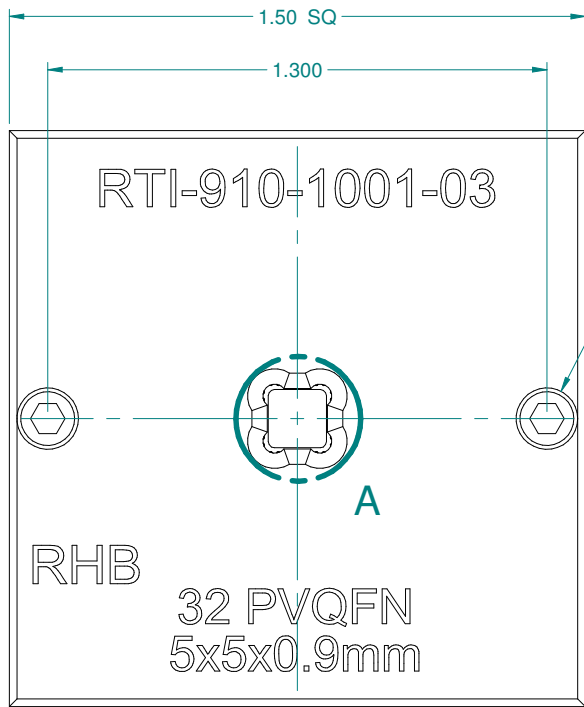
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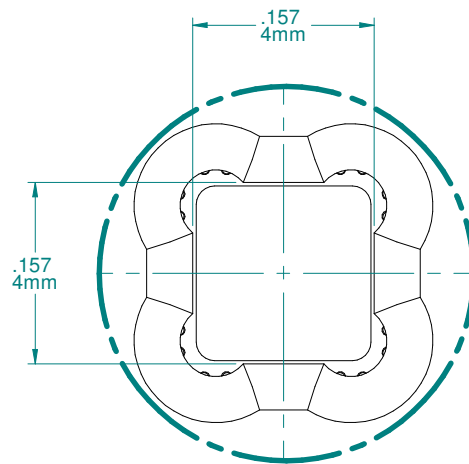
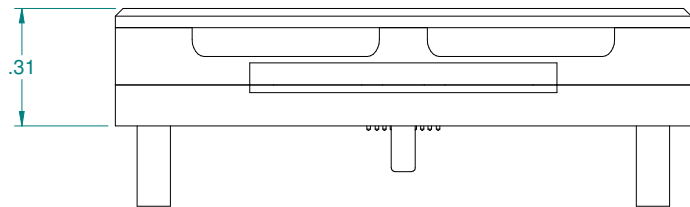
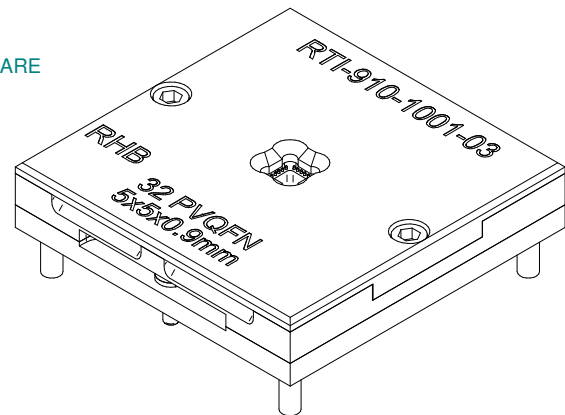
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2X #2-56  
LID TO SOCKET  
MOUNTING HARDWARE



DETAIL A

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PAGE: 2 of 7

TITLE: CUSTOMER SPECIFICATION

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# OPEN TOP FA LID ASSEMBLY

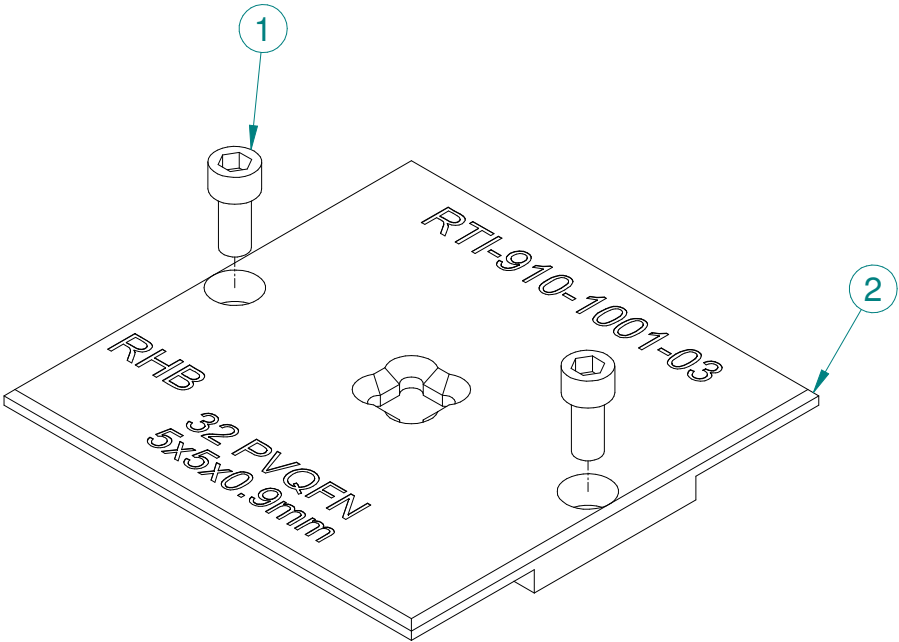
**SALES PART #:**

910-1001-03-5x5x0.9

**MATERIAL SPECIFICATION:**

FA LID - ANODIZED ALUMINUM

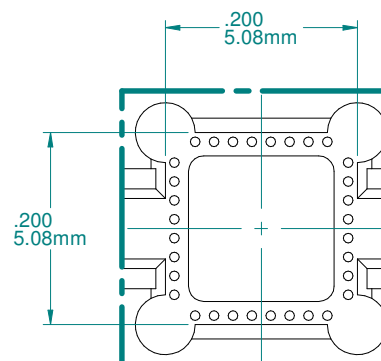
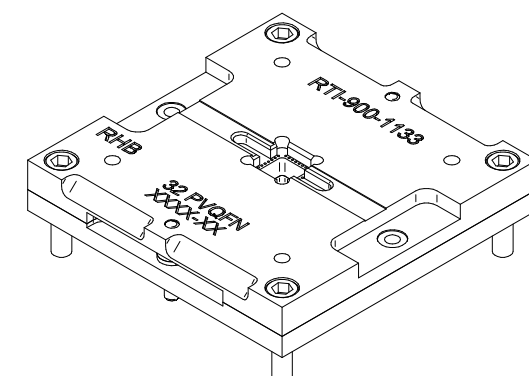
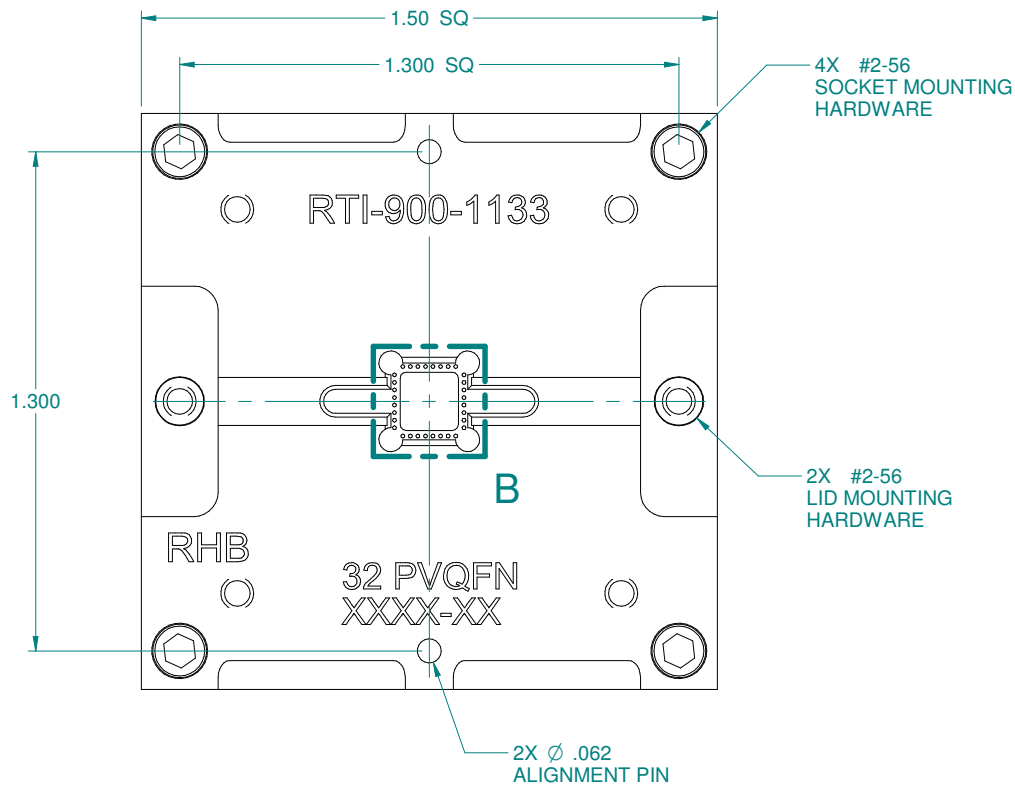
**NOTE:** THIS LID CAN ALSO BE USED  
WITH SOCKET ASSEMBLY # 1008078-M.



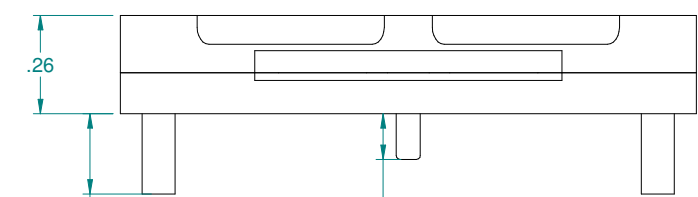
Item	Part Number	Rev	Title	Qty.
1	01-2-56x.187-MA-SCA-SS		Socket Cap Screw	2
2	L-1001-L-1192	A	FA Lid	1

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	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: .XX = ± .01 .XXX = ± .002 .XXXX = ± .0005		CHECK BY:	DRAWING NUMBER:
			DATE:	TITLE:
		01/04/19		1008077-C
		A		3 of 7
		CUSTOMER SPECIFICATION		



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DETAIL B



.21 MOUNTING HARDWARE EXTENSION  
.12 ALIGNMENT PIN EXTENSION

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	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: .XX = ± .01 .XXX = ± .002 .XXXX = ± .0005			CHECK BY:	DRAWING NUMBER:	1008077-C	REV.	PAGE:
				DATE:			A	4 of 7
				01/04/19	TITLE: CUSTOMER SPECIFICATION			

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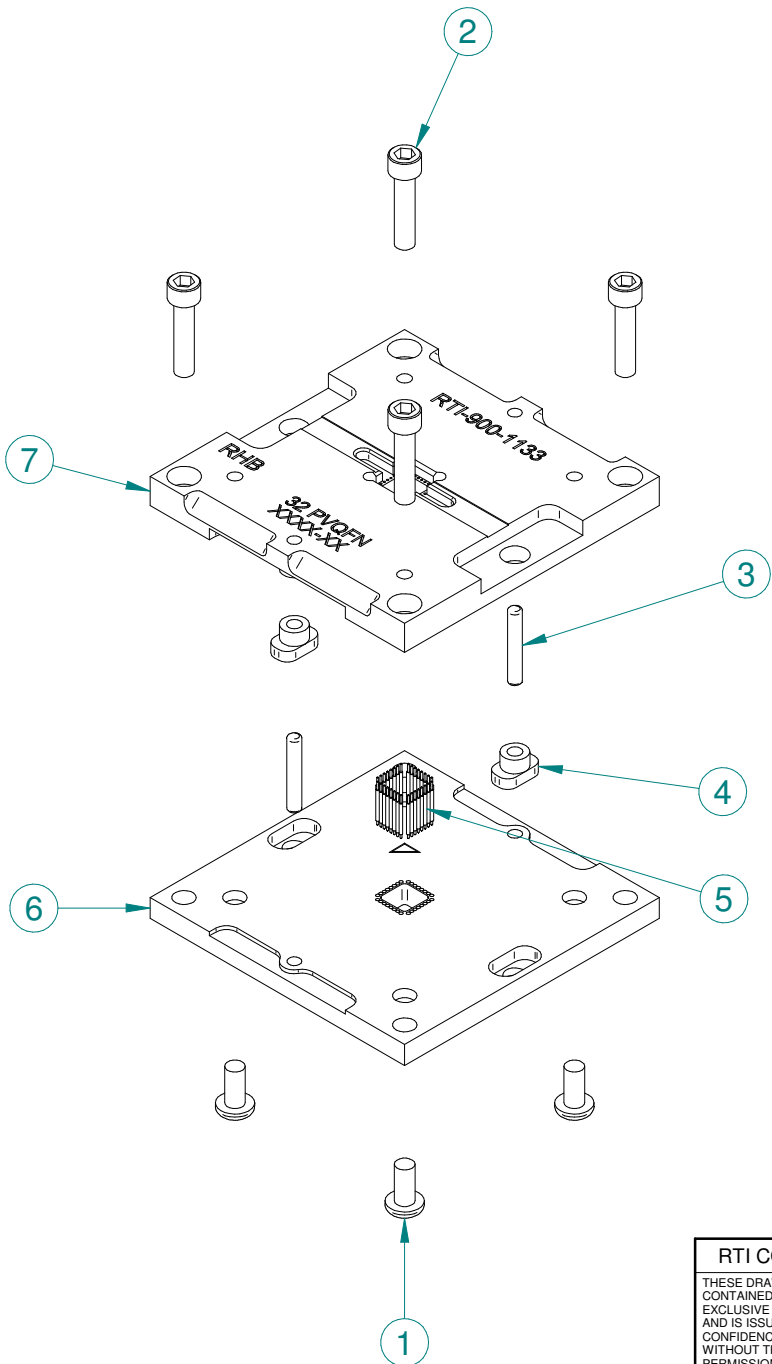
# SOCKET ASSEMBLY

## SALES PART #:

900-1133-01-32+0PVQFN-5X5-0.5-00-L4056P

## MATERIAL SPECIFICATION:

SOCKET TOP/SOCKET BASE -  
HIGH PERFORMANCE PLASTIC



Item	Part Number	Rev	Title	Qty.
1	01-2-56x.187-MA-BNA-SS		Button Head Screw	4
2	01-2-56x.375-MA-SCA-SS		Socket Head Screw	4
3	02-.0625x.375-S-S		Dowel Pin	2
4	04-2-56x.125-Custom	1	Custom Insert	2
5	L4056P		Test Probe	32
6	S-1133-SB-943	A	Socket Base	1
7	S-1133-ST-943	A	Socket Top	1

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THIRD ANGLE  
PROJECTION

MATERIAL:

FINISH:

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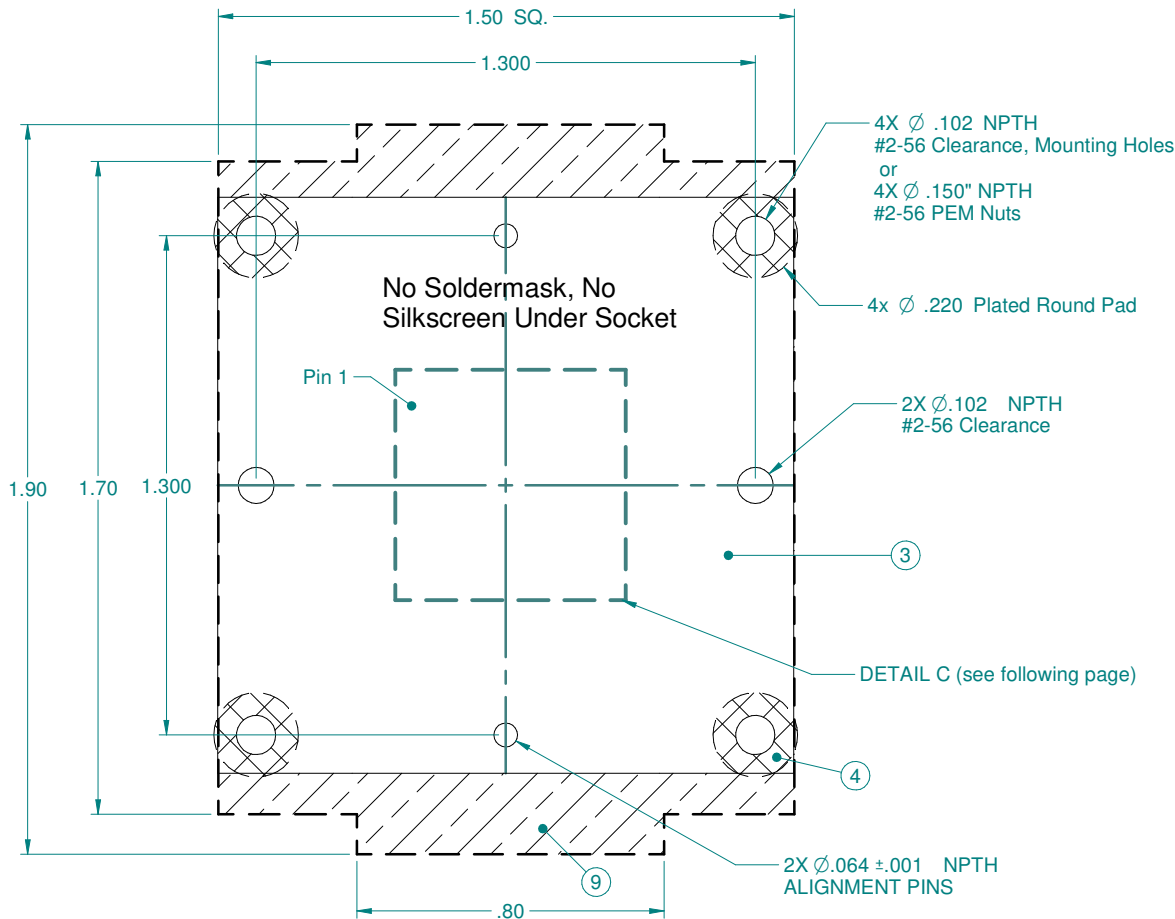
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# SOCKET FOOTPRINT

## SALES PART #:

900-1133-01-32+0PVQFN-5x5-0.5-00-L4056P

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### 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 pressed into the DUT board for mounting the socket to the DUT board.
3. Area under socket must be free of all solder mask, hole burrs, 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. If the DUT board is less than .095 inches thick, 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. Where stated, MM are controlling dimensions.
8. All hole sizes are finished size.
9. Shaded area must be clear of all devices on top side of PCB when using Dual Latch Lids.

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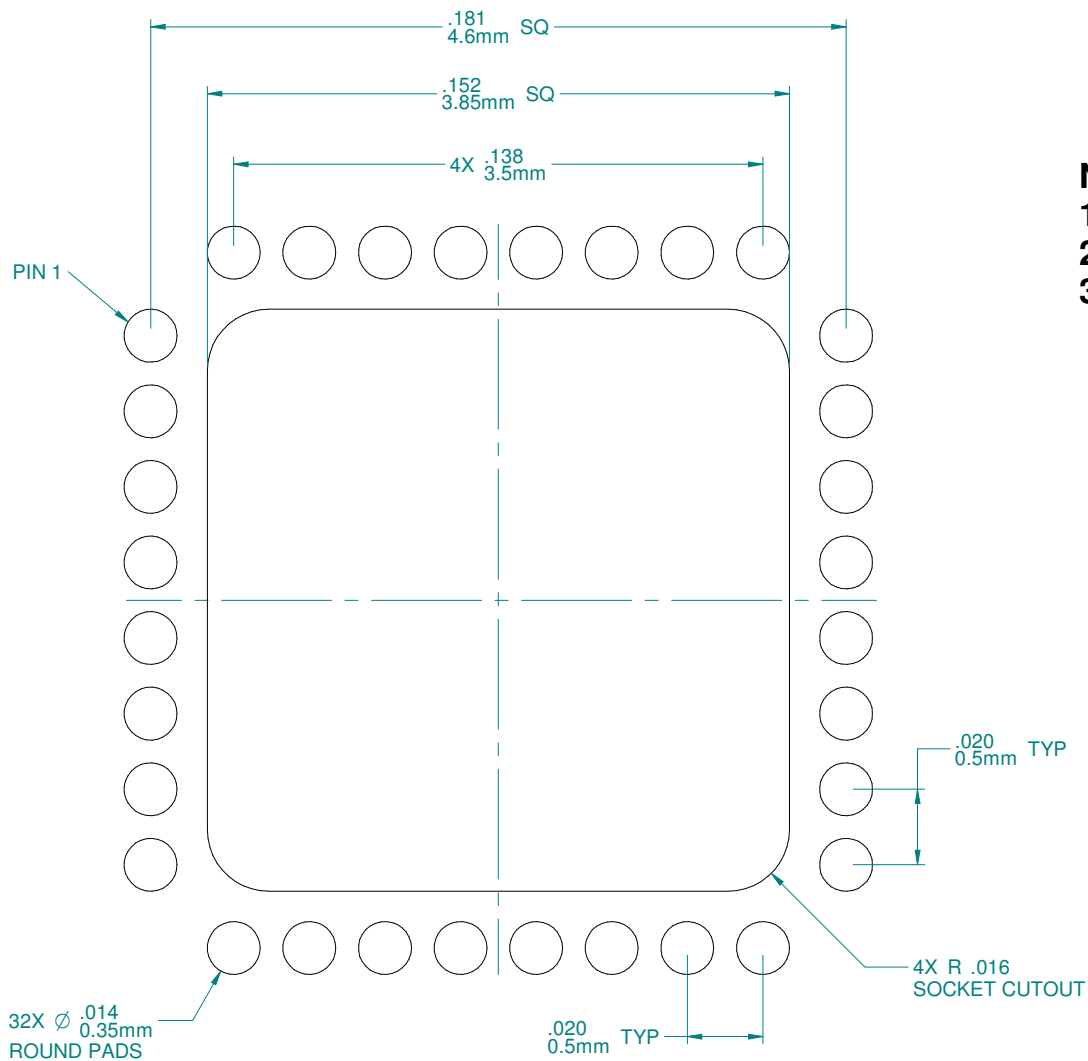
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- NOTES:**
1. CONTROLLING DIMENSIONS ARE mm.
  2. PAD SIZES ARE FINISHED DIMENSIONS.
  3. NOTE PIN 1 LOCATION WITH RESPECT TO MOUNTING HOLES.

## DETAIL C

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