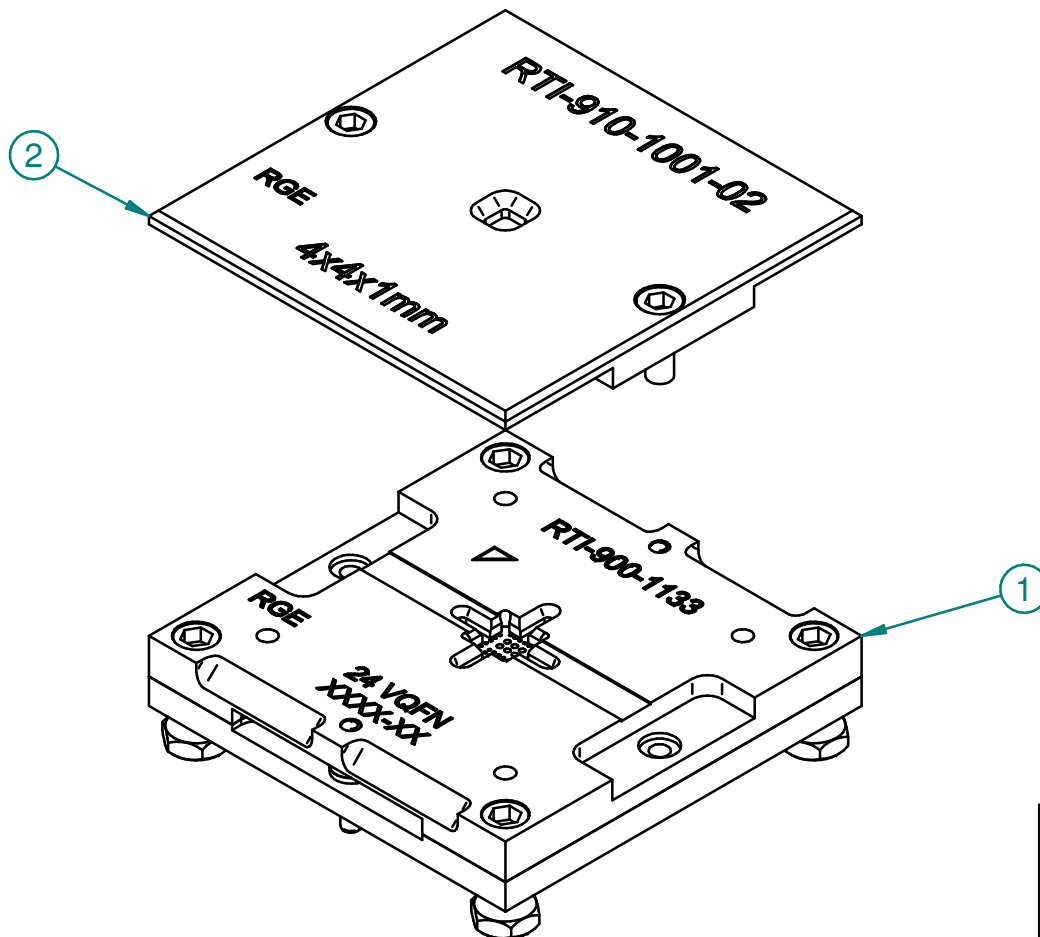


CUSTOMER SPECIFICATION

24 VQFN "RGE"

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	06/17/19	RM



Item	Part Number	Rev	Title	Qty.
1	1008443-M	A	Socket Assembly	1
2	1008444-M	A	Lid Assembly	1

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THIRD ANGLE PROJECTION

MATERIAL:

FINISH:

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.XXX = ± .002
.XXXX = ± .0005

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RM

DWN BY:

RAUL M.

CHECK BY:

DATE:

06/17/19



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DRAWING NUMBER:

1008443-C

REV.

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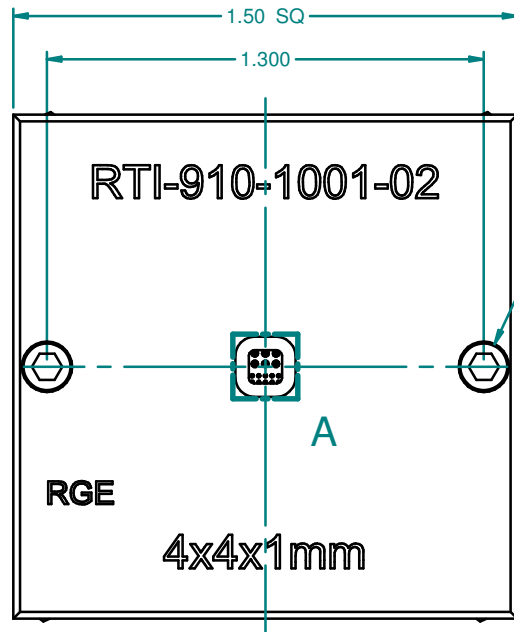
1 of 7

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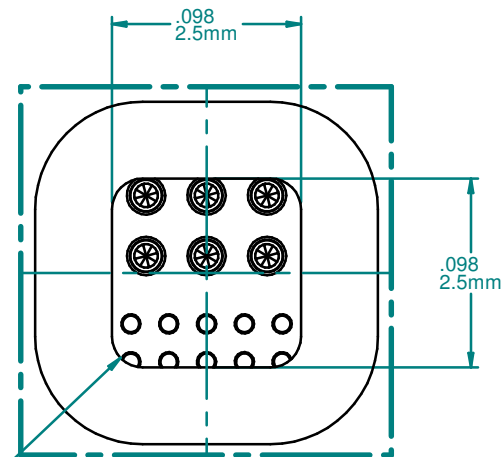
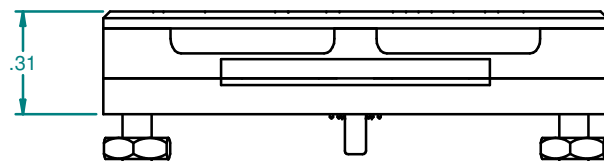
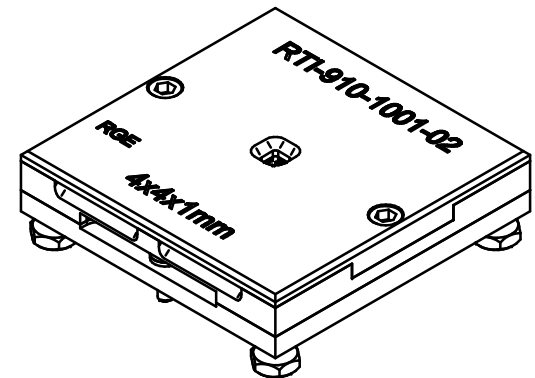
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2x #2-56
LID TO SOCKET
MOUNTING HARDWARE



4X R .016

DETAIL A

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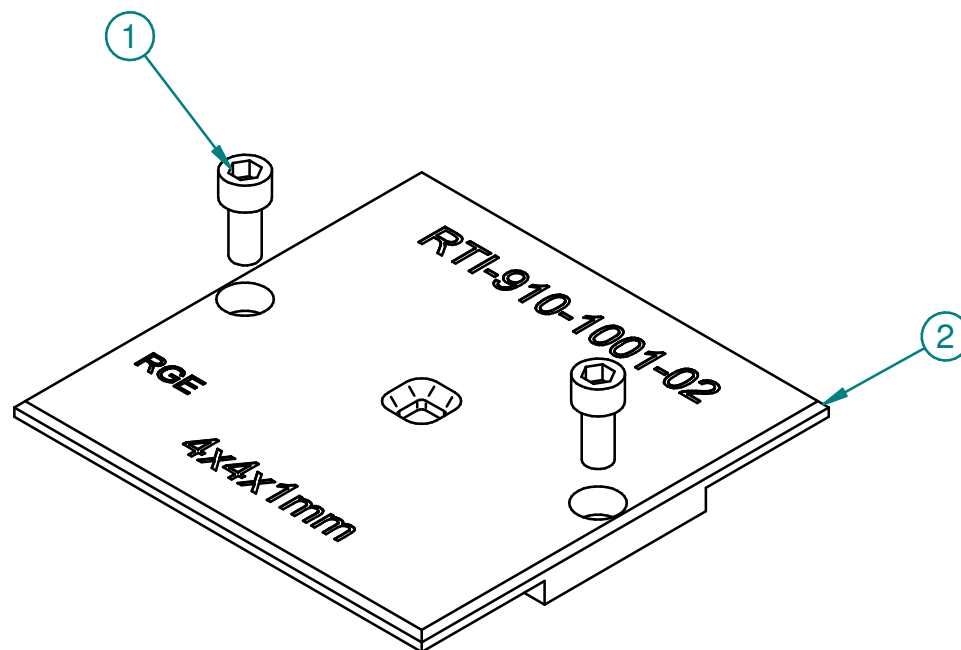
OPEN TOP FA LID ASSEMBLY

SALES PART #:

910-1001-02-4x4x1

MATERIAL SPECIFICATION:

FA LID - ANODIZED ALUMINUM



Item	Part Number	Rev	Title	Qty.
1	01-2-56x.187-MA-SCA-SS		Socket Cap Screw	2
2	L-1001-L-1265	A	OPEN TOP FA LID	1

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SOCKET ASSEMBLY

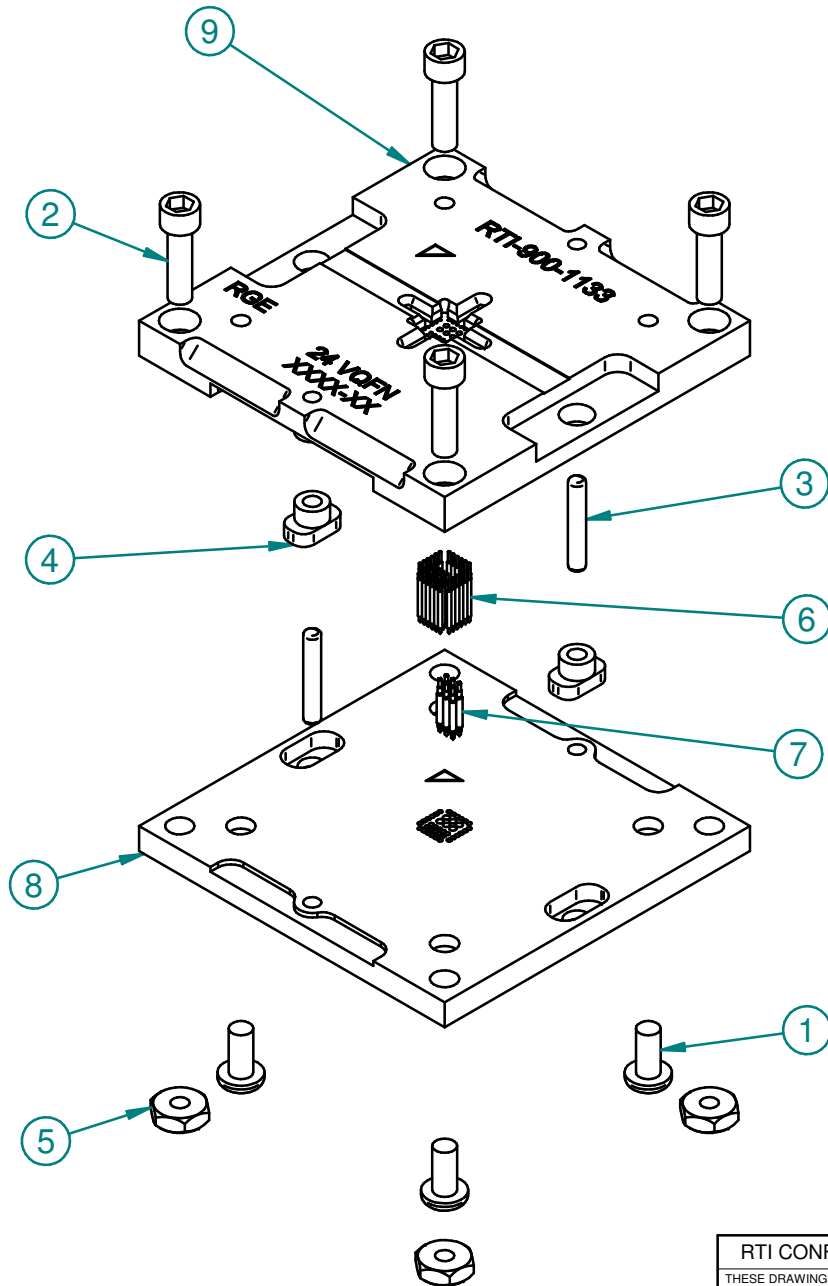
SALES PART #:

900-1133-01-24+16VQFN-4X4-0.5-00-L4056C/Q5M08C

MATERIAL SPECIFICATION:

SOCKET TOP/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.312-MA-SCA-SS		Socket Cap Screw	4
3	02-.0625x.375-S-S		Dowel Pin	2
4	04-2-56x.125-Custom	1	Custom Insert	2
5	12-2-56x.062-M-S		Nut	4
6	L4056C		Test Probe	34
7	Q5M08C		Pogo Pin	6
8	S-1133-SB-988	A	Socket Base	1
9	S-1133-ST-988	A	Socket Top	1

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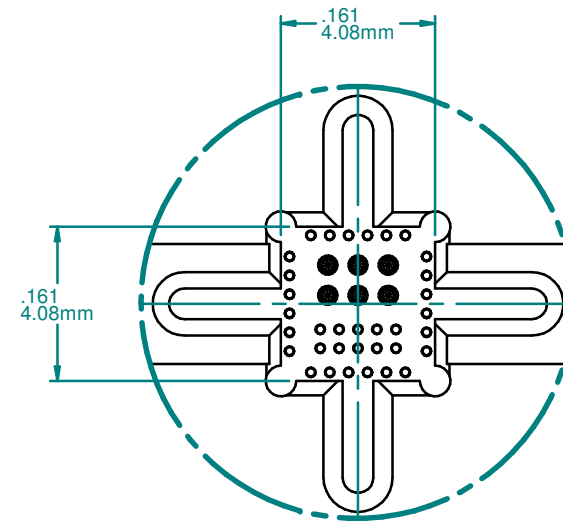
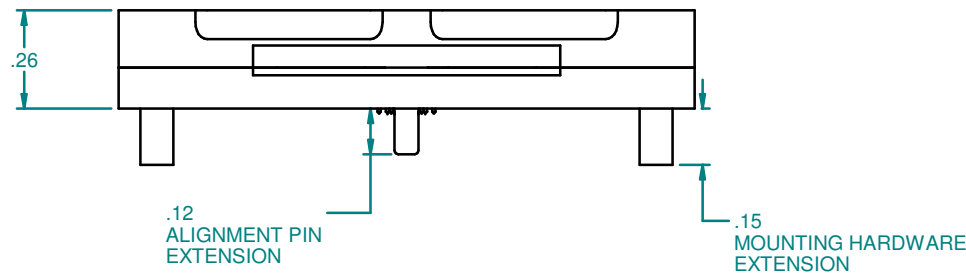
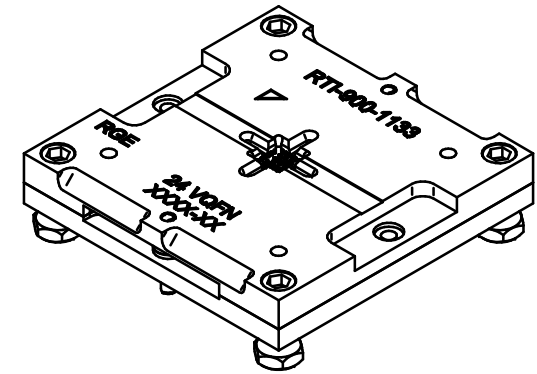
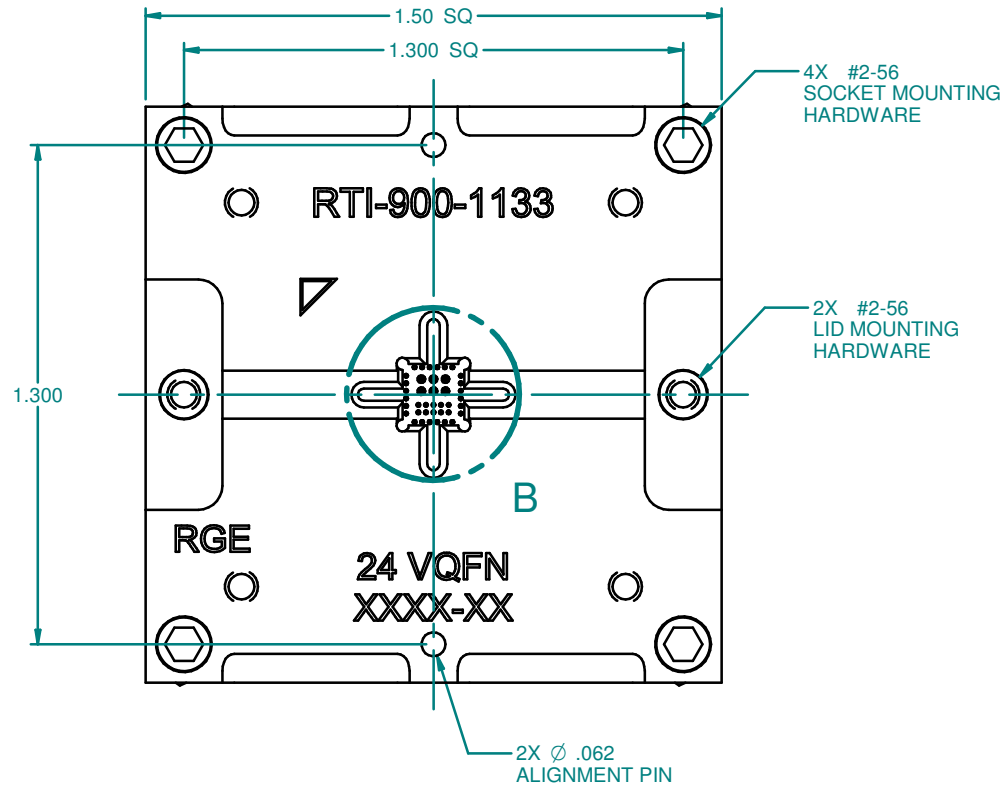
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DETAIL B

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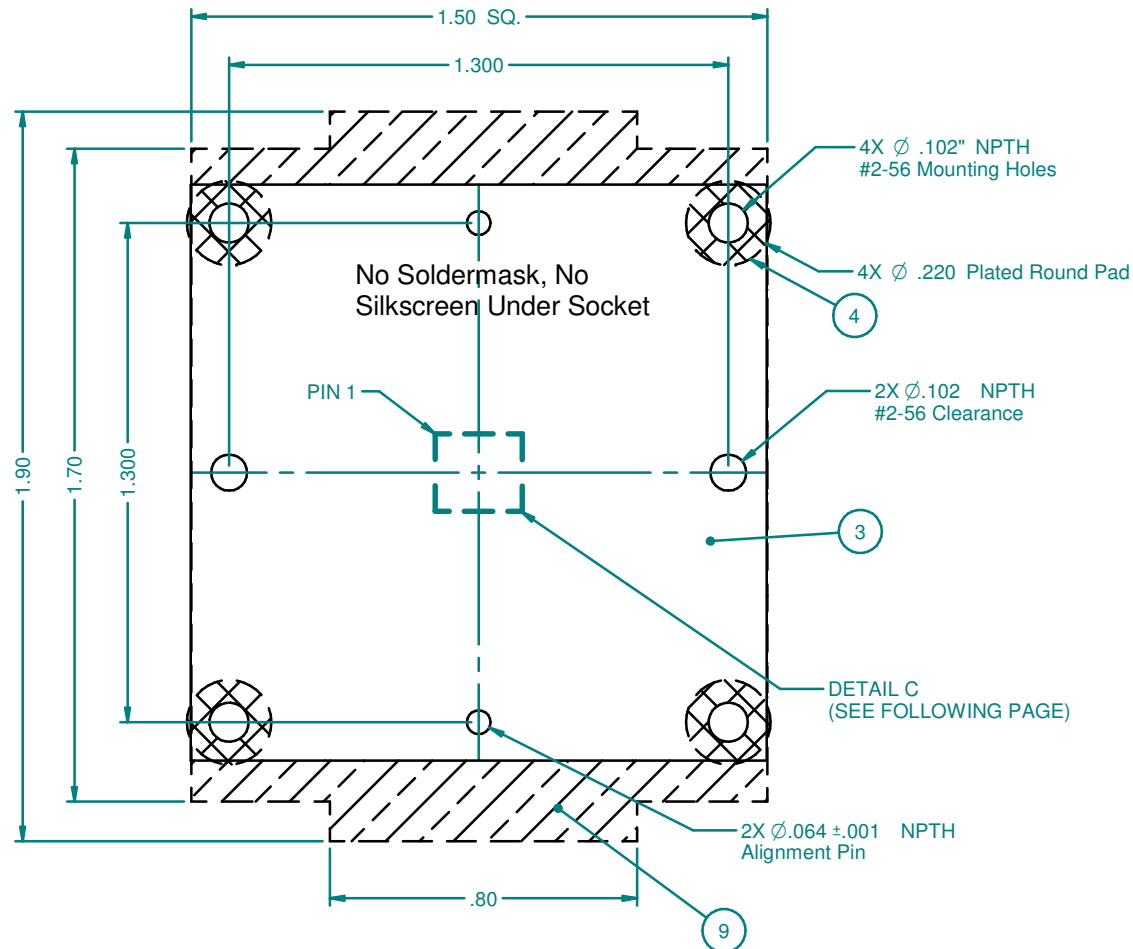
SOCKET FOOTPRINT

SALES PART #: 900-1133-01-24+16VQFN-4X4-0.5-00-L4056C/Q5M08C

REV	DESCRIPTION	DATE	BY
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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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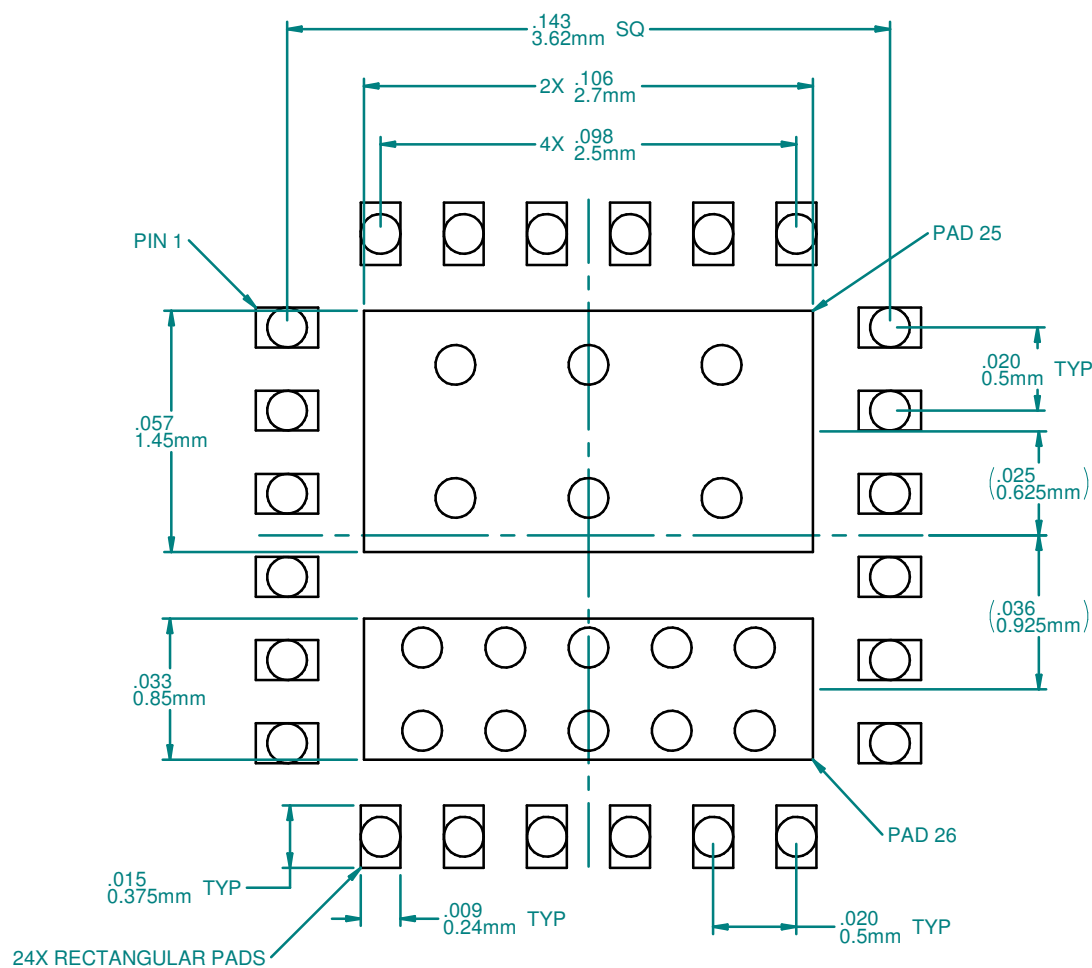
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DETAIL C

NOTES:

1. CONTROLLING DIMENSIONS ARE mm.
2. CIRCLES INDICATE POGO PIN CENTERS.
3. PAD SIZES ARE FINISHED DIMENSIONS.
4. NOTE PIN 1 LOCATION WITH RESPECT TO MOUNTING HOLES.
5. PAD 25 HAS PINS DESIGNATED FOR 15A CONTINUOUS OPERATION.

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