3V-40V Vin, 200mA, Ultra-Low Quiescent Current LDO with Adjustable Output Voltage

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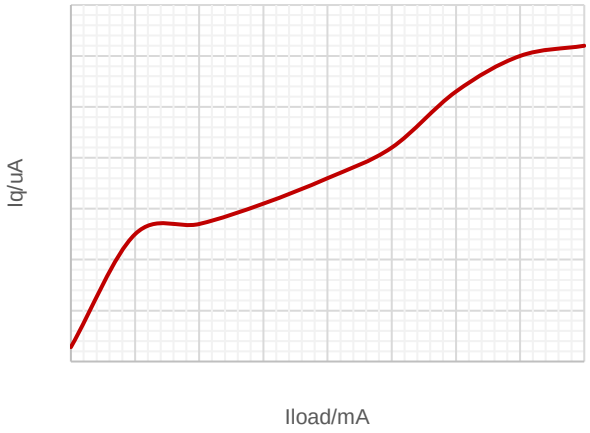
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Release to production.
Update the ELECTRICAL CHARACTERISTICS.
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Orderable Device	O

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Iq/uA
Iload/mA

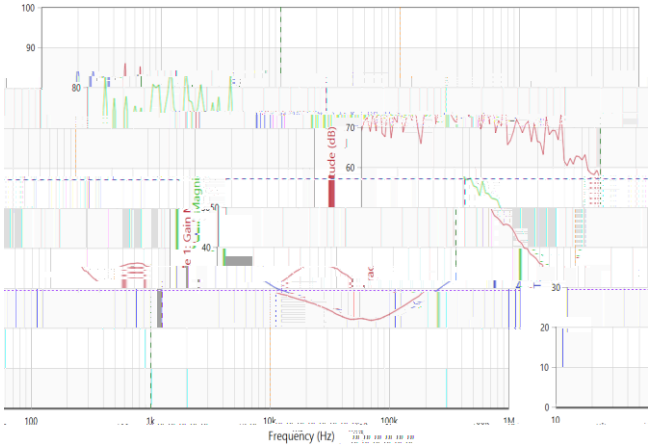
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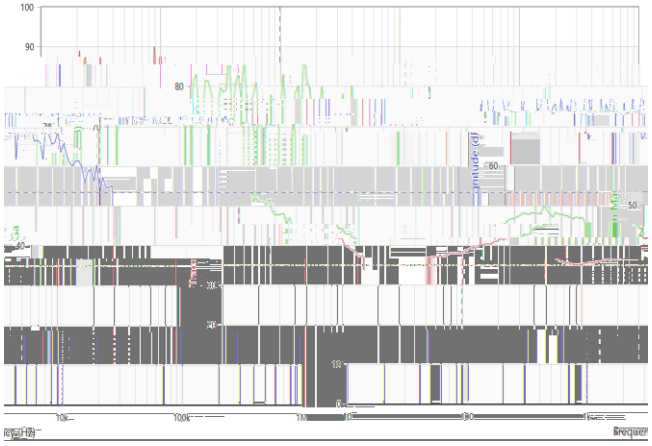
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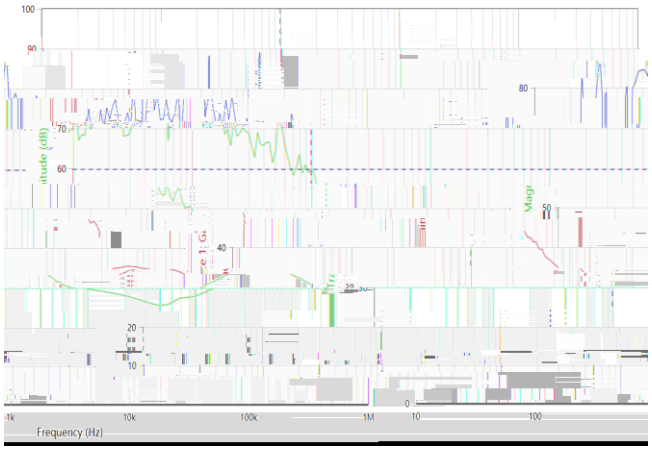
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Frequency (Hz)

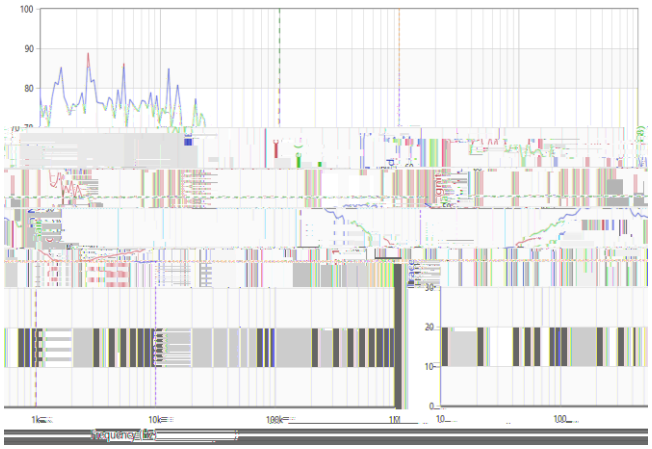
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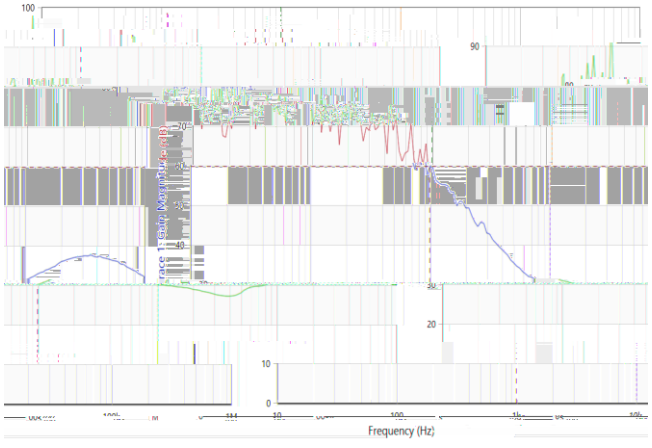
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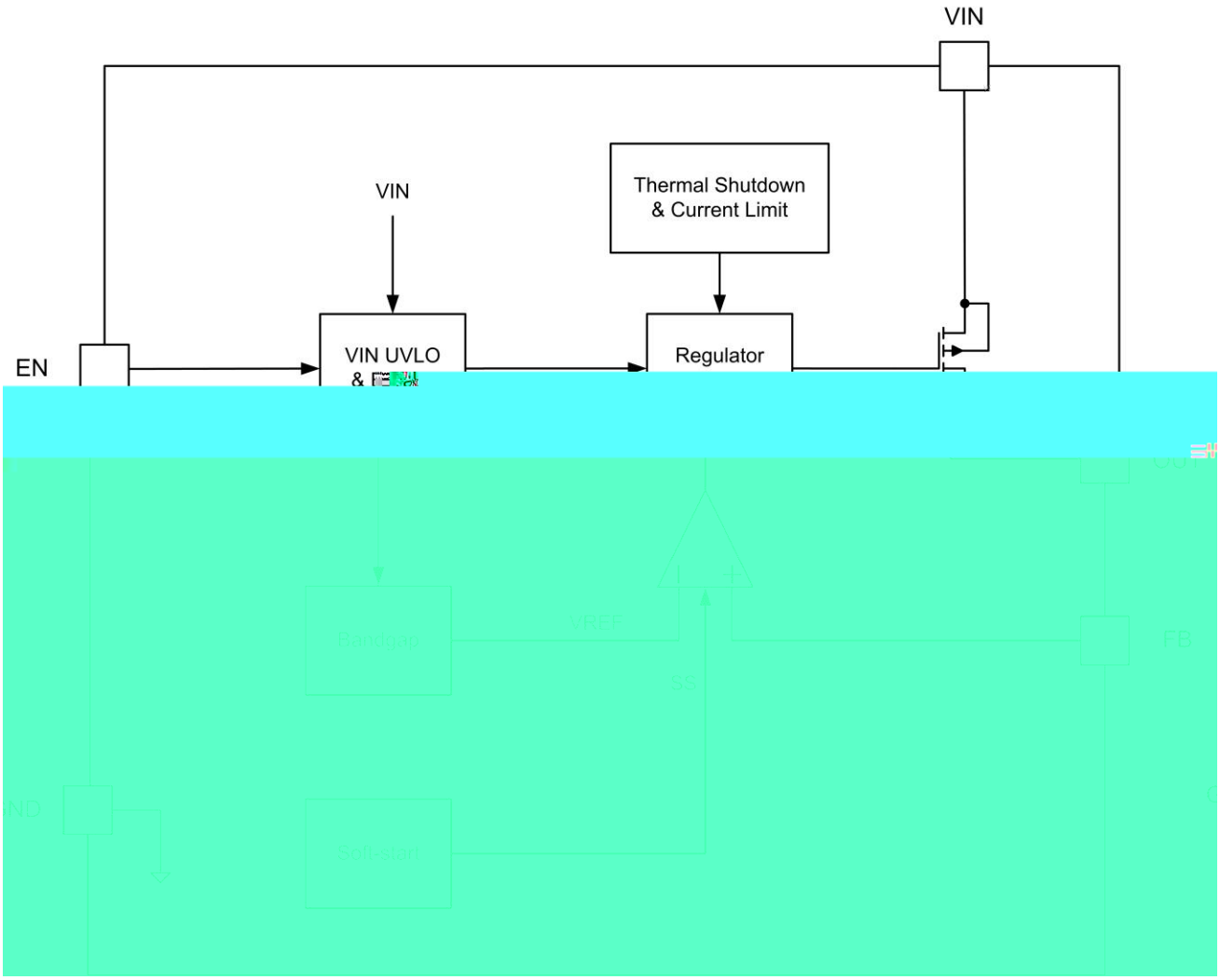
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Frequency (Hz)

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VIN
VIN
Thermal Shutdown
& Current Limit
EN
VIN UVLO
Regulator
Bandgap
VREF
FB
SS
Softstart

Overview

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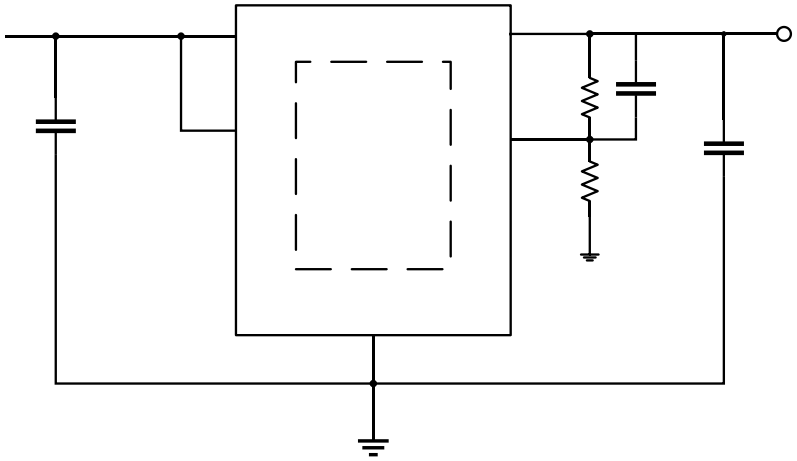
The SCT71402Q series products provide adjustable output version which can adjust the output voltage from 1.215V to 25V

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C RPC T! 3 U R•R/ W D JH
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Typical application 1:

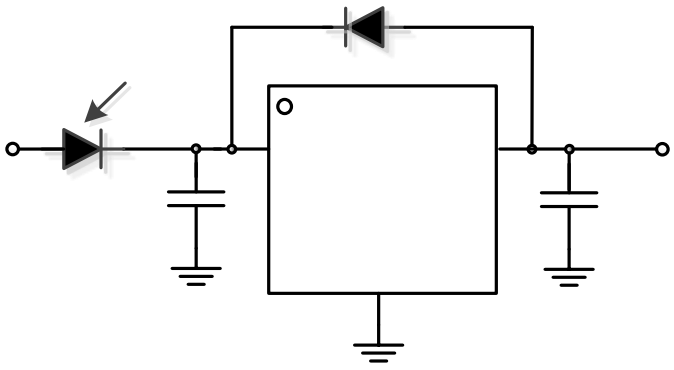


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Design Parameters

Design Parameters	Example Value
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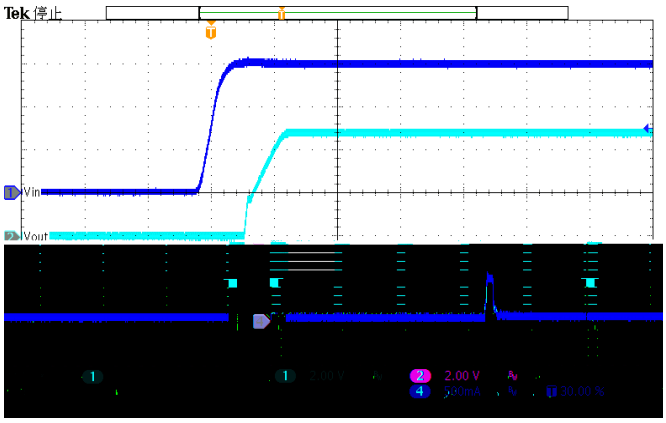
Typical application 2:



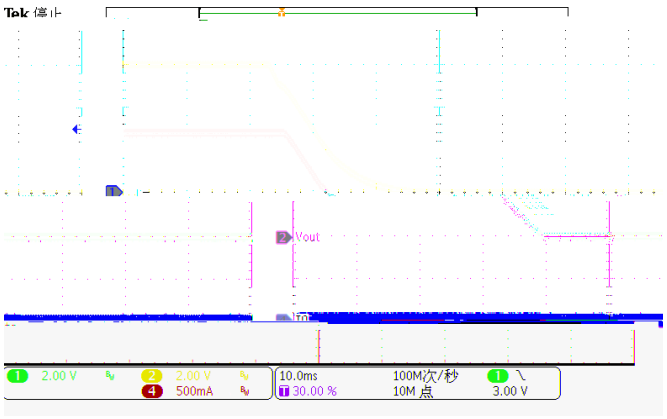
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Power Dissipation and Thermal Performance

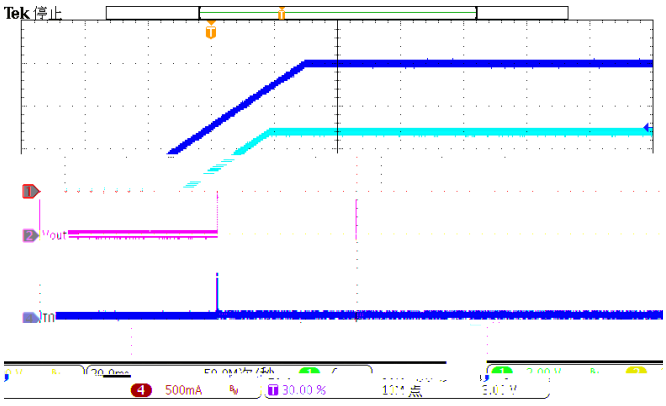
Application Waveforms



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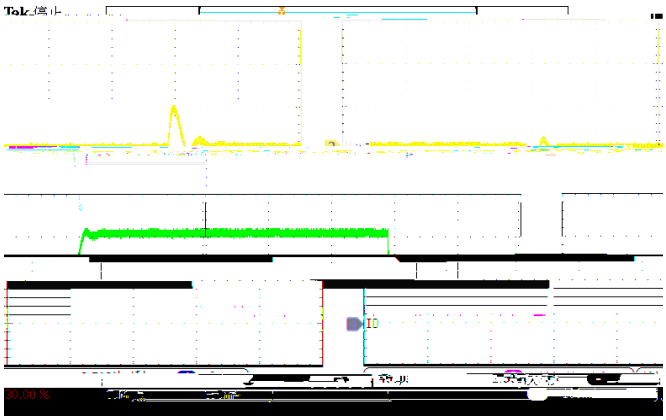
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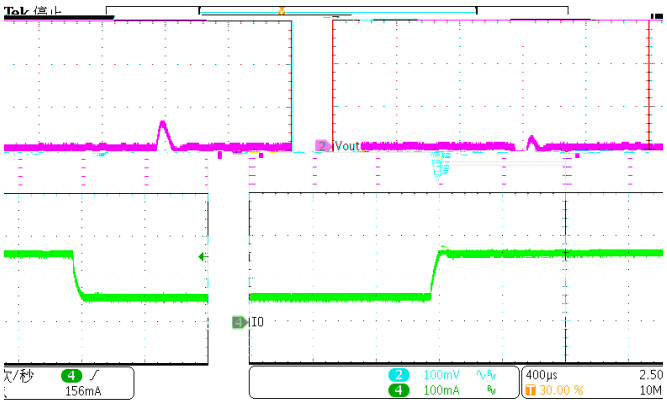
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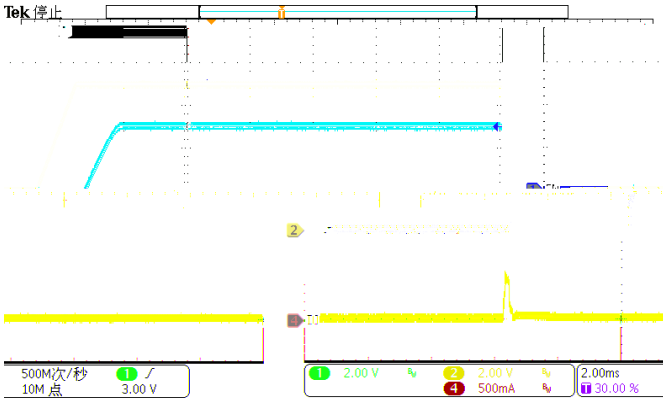
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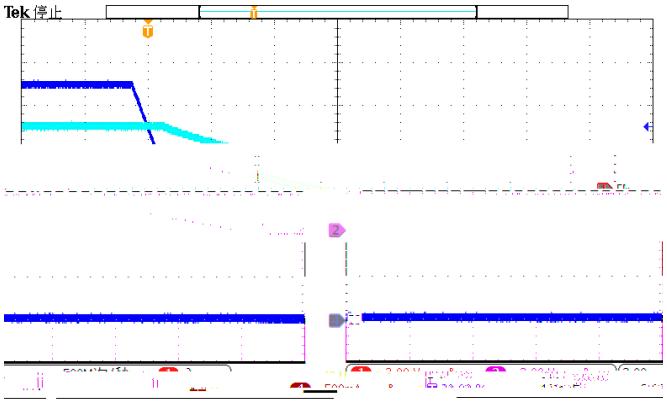


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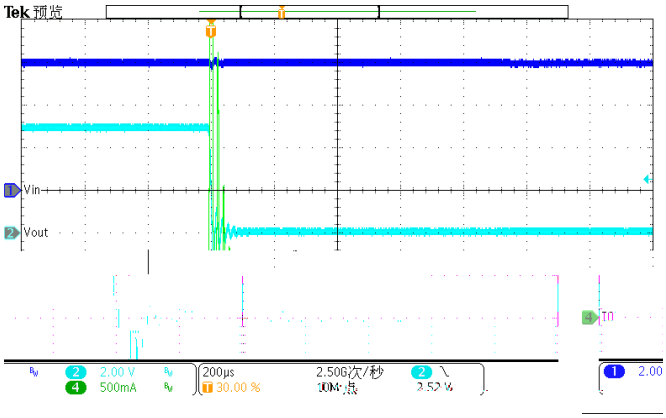
Application Waveforms(Continued)

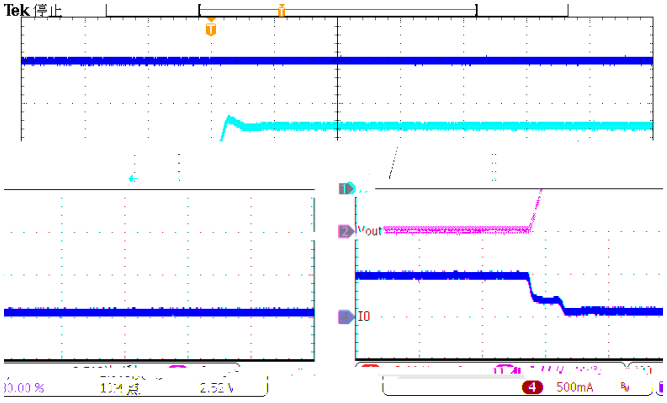


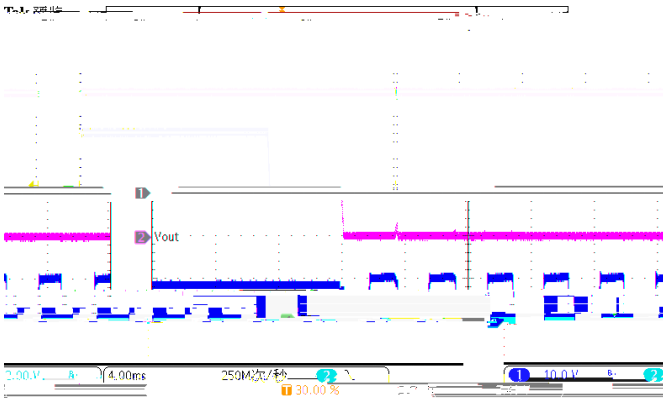


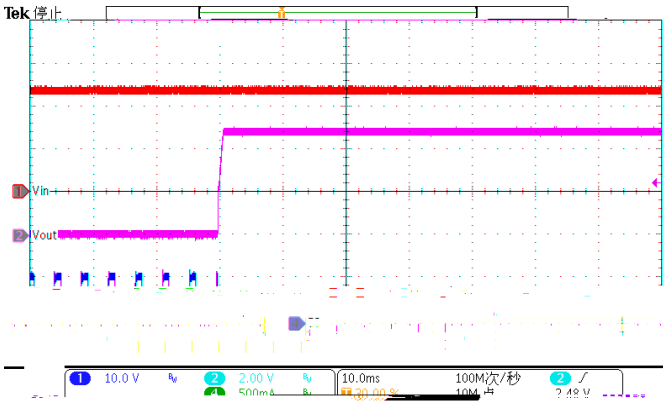
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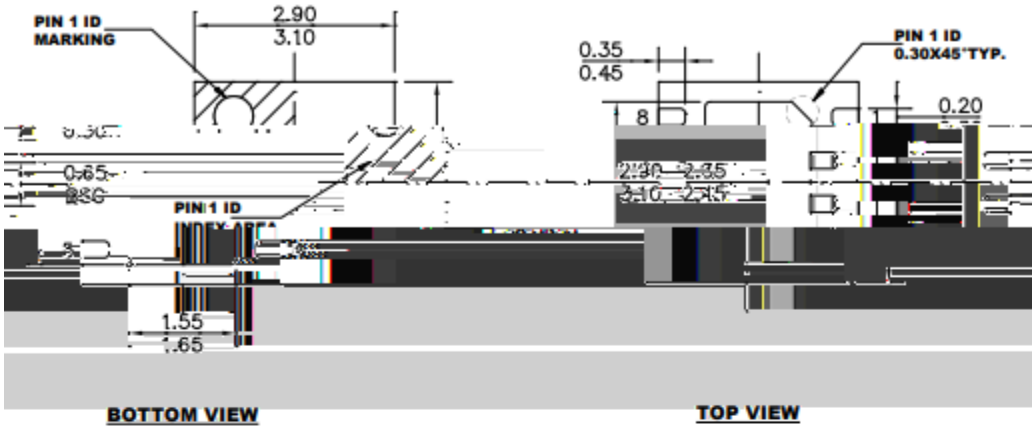


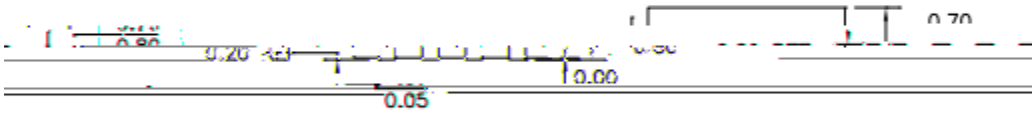
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Layout Guideline

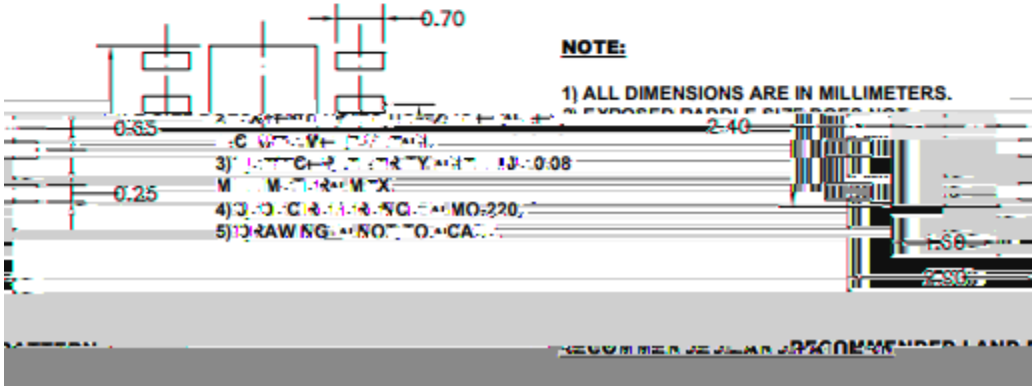
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2.

3.
4.





SIDE VIEW



NOTE:

1.
2.
3. (
4.
5.
6.

NOTICE: