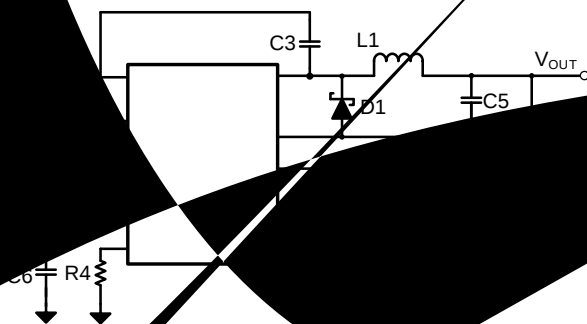
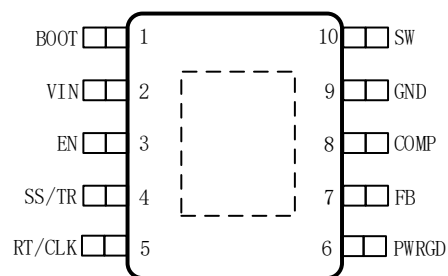


3.8V-60V Vin, 2.5A

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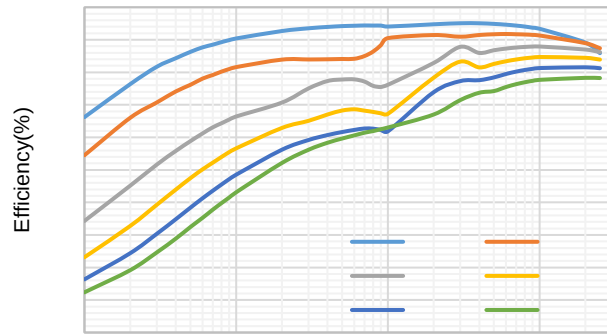


3.8V-60V, Asynchronous

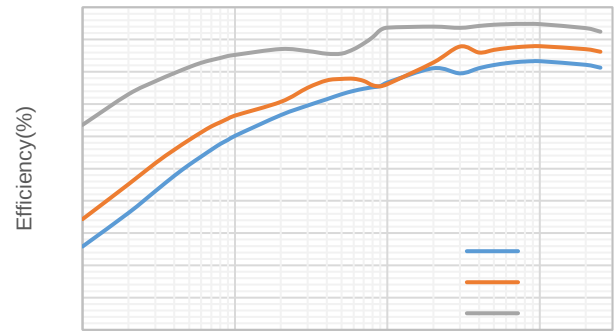


(1)

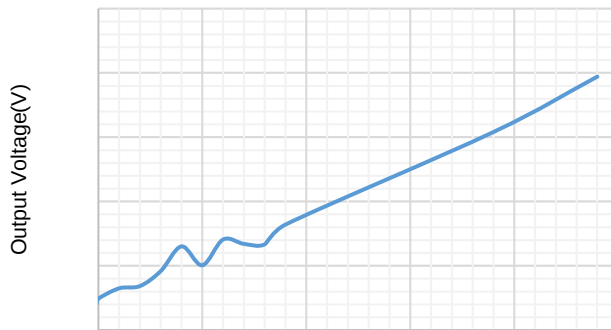
(2)



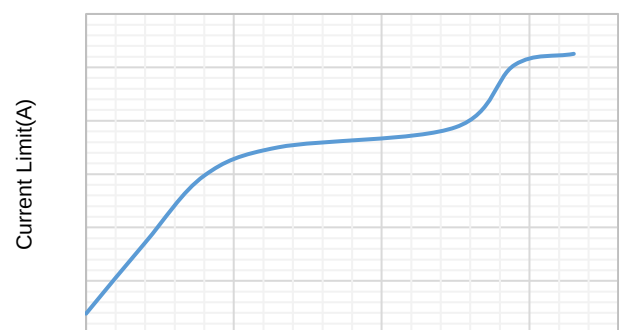
Output Current(A)



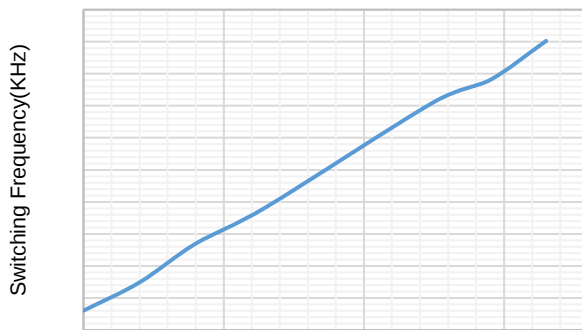
Output Current(A)



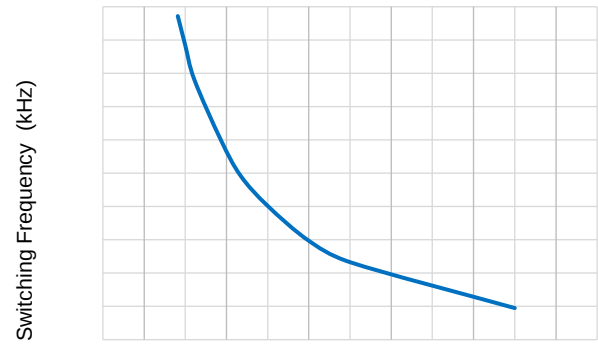
Output Current(A)



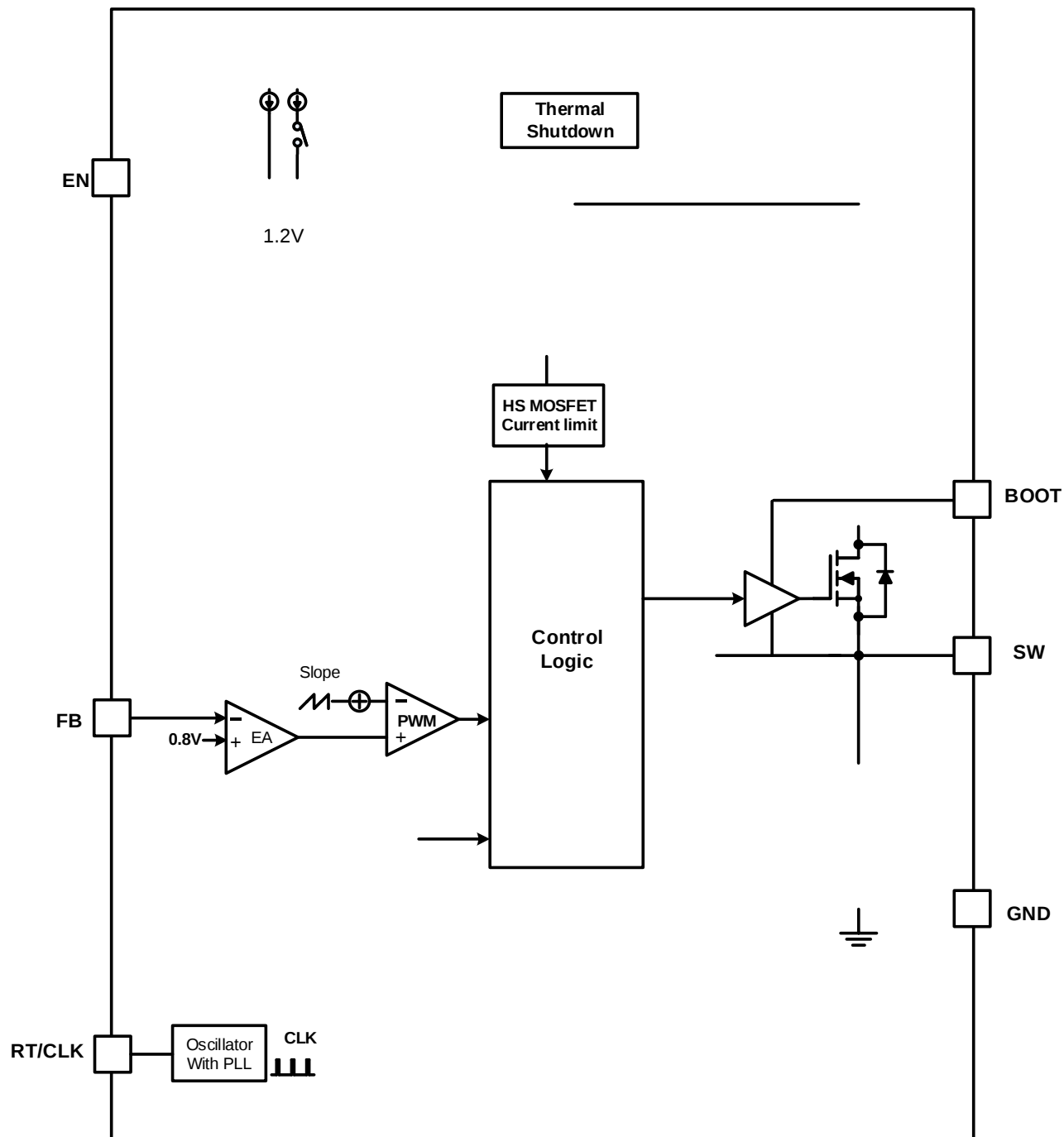
Temperature(°C)



Temperature(°C)



Switching Frequency (kHz)



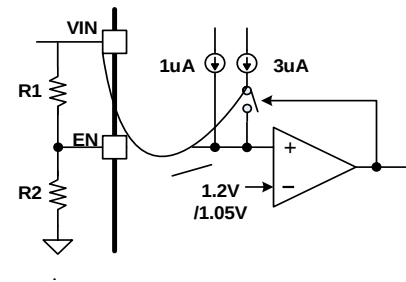
Overview

Peak Current Mode Control

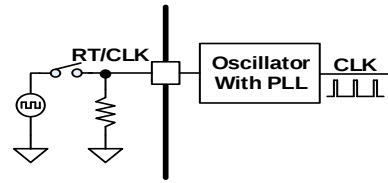


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Output Voltage



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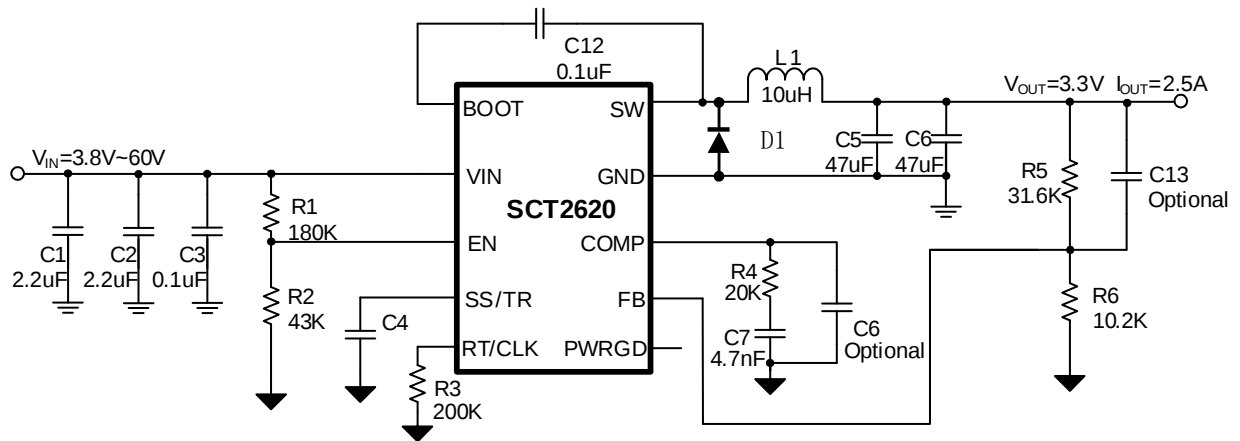
Bootstrap Voltage Regulator and Low Drop-out Operation

Over voltage Protection

Power Good (PWRGD Pin)

Thermal Shutdown

Typical Application



Design Parameters



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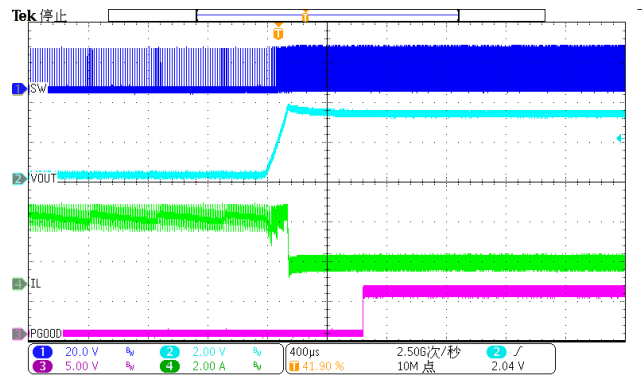
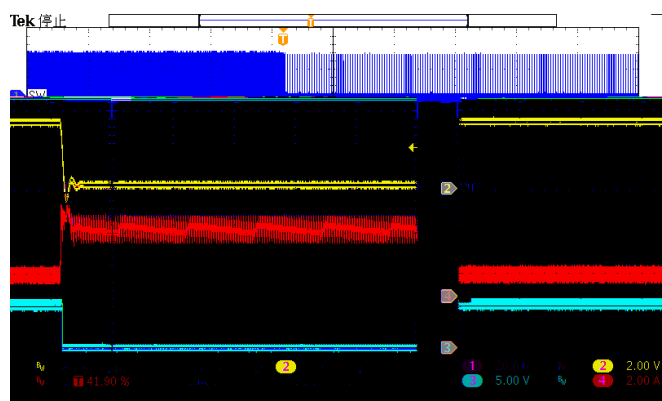
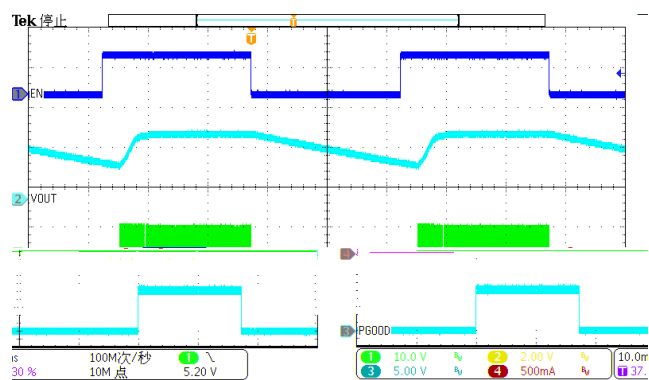
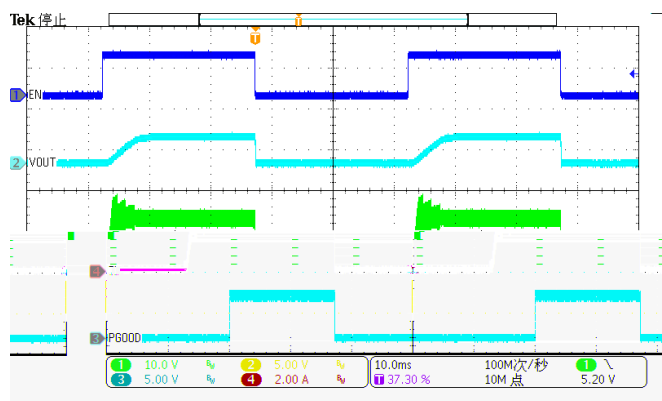
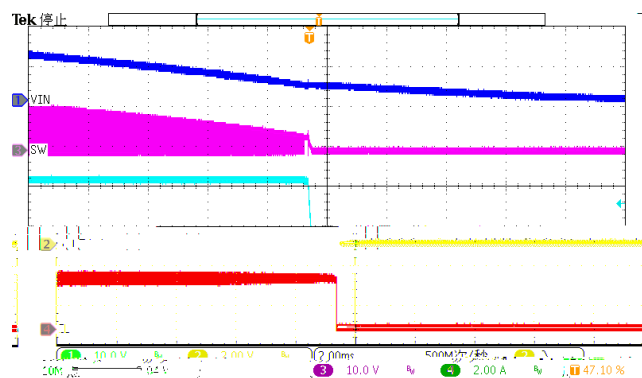
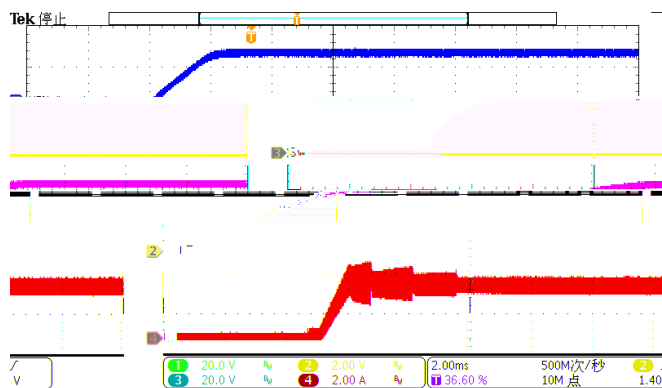
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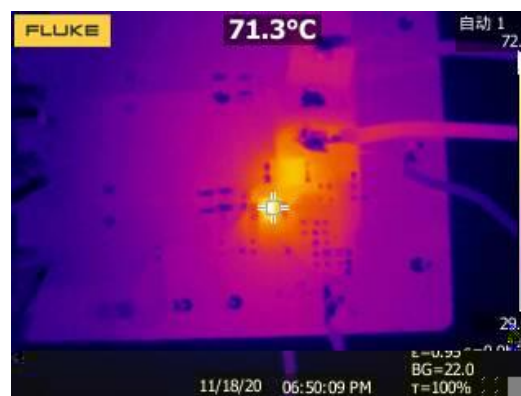
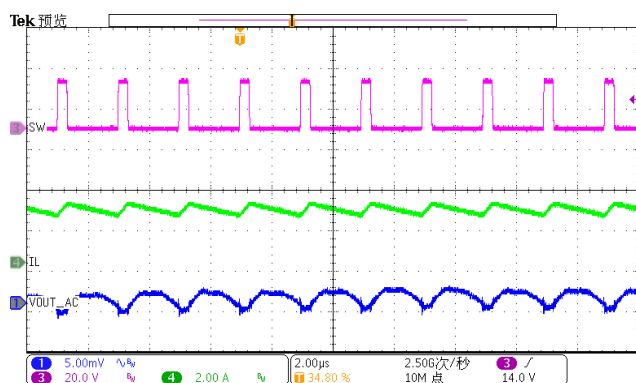
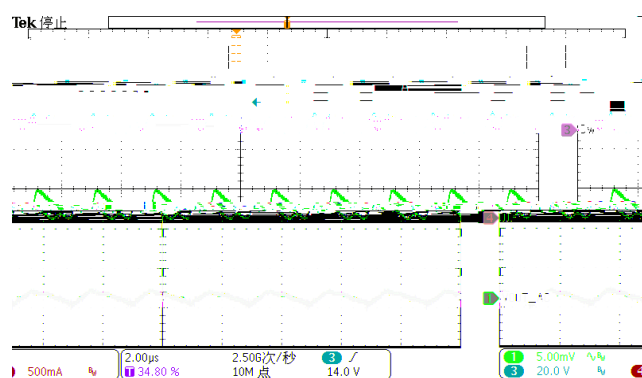
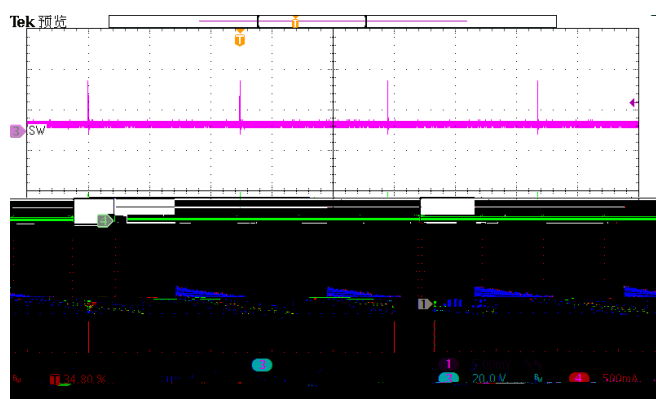
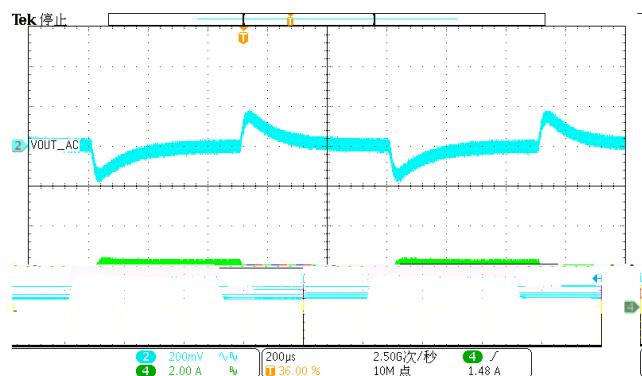
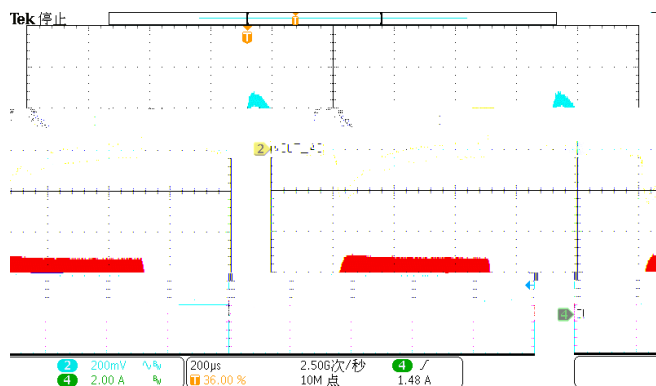
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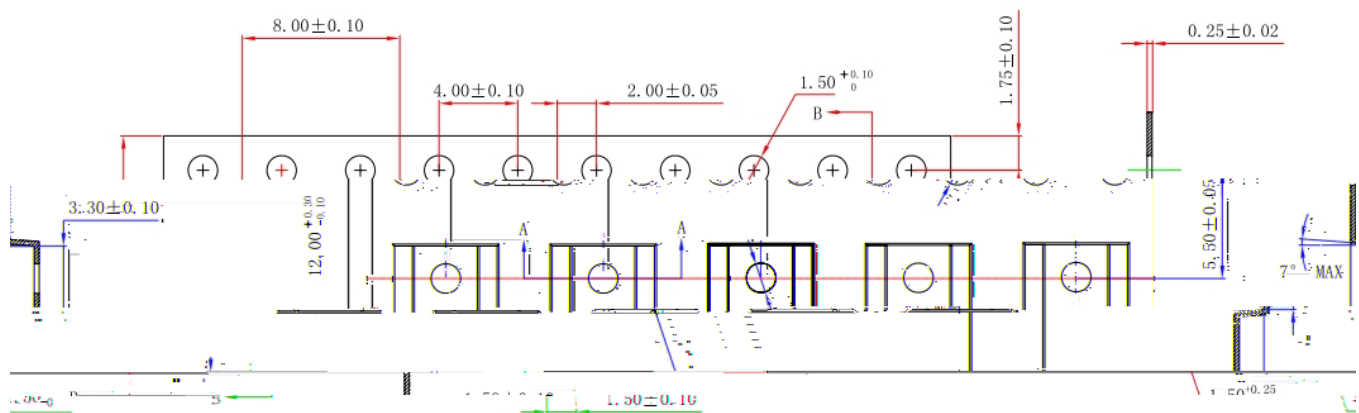
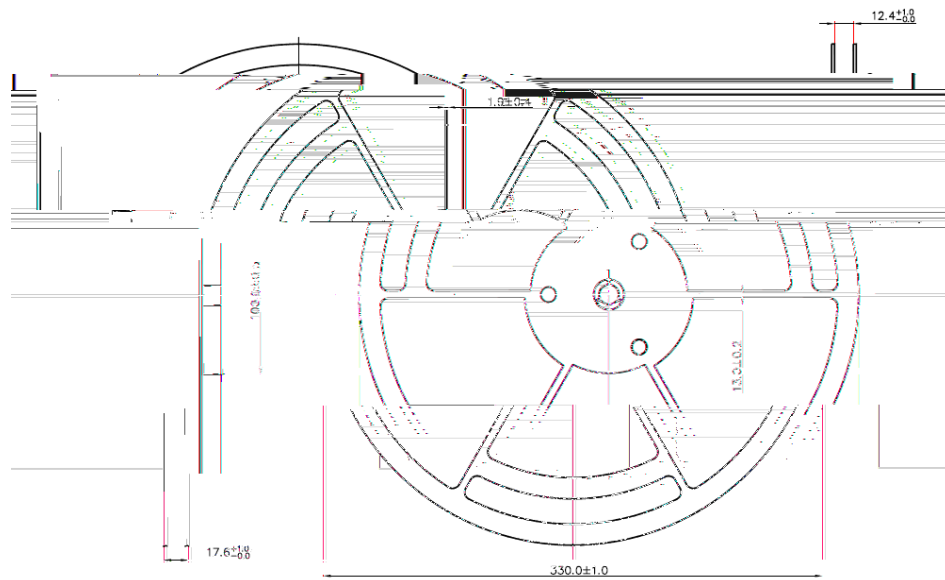
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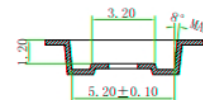




Layout Guideline



B-B



A-A