

NAME	PIN NUMBER		PIN FUNCTION
	FCTQFN1.5X2-8L	FCSOT23-8L	

SCT2120

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	FCTQFN1.5X2-8L	UNIT
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(— 1)

Under Voltage Lockout UVLO

Enable(EN)

Soft Start(SS)

Over Current Protection (OCP) and Hiccup Mode

SCT2120

Output Voltage

$$1 \left(\frac{V_{OUT}}{R_1} \right) = 2$$

V _{OUT}	R ₁	R ₂

Inductor Selection

$$\frac{L}{R} = \frac{V_{OUT}}{I_{OUT}}$$

$$\sqrt{\frac{()^2}{2} + \frac{1}{12} ()^2}$$

Input Capacitor Selection

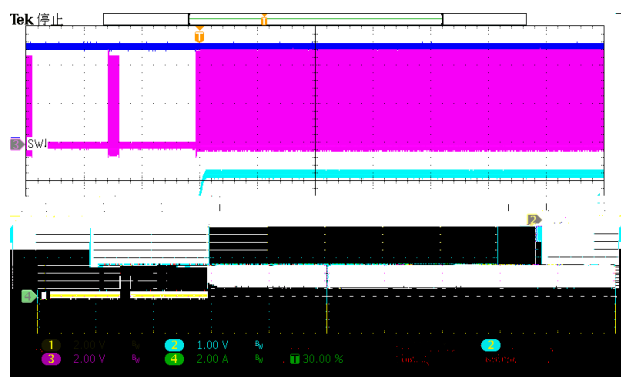
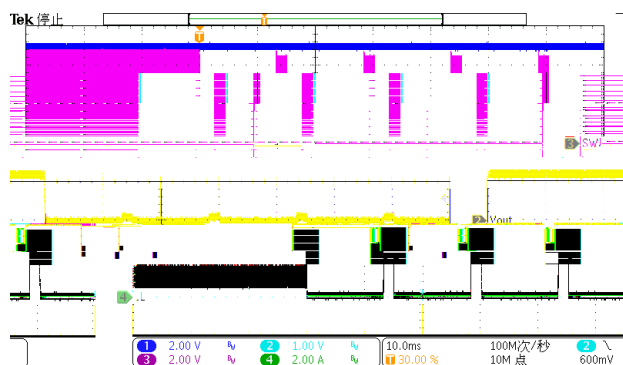
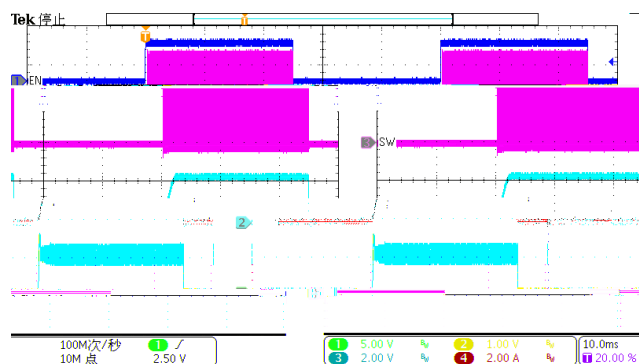
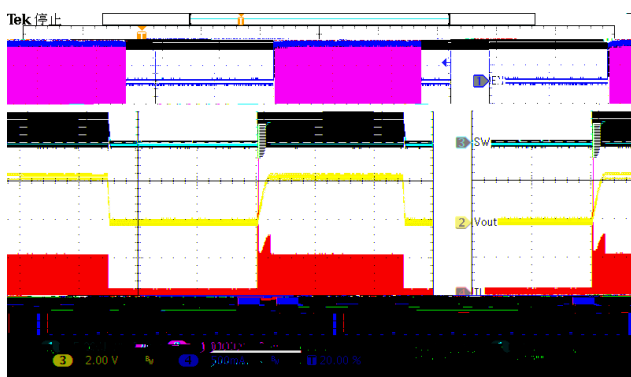
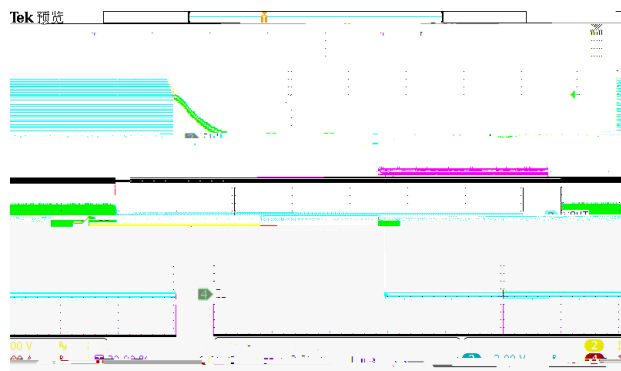
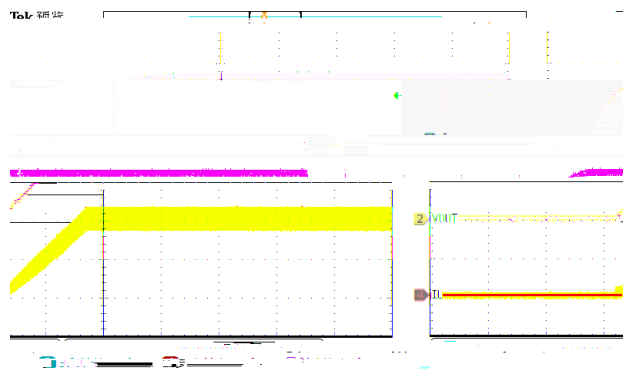
$$\sqrt{\frac{ }{ } (1 - \frac{ }{ })}$$

————— (1 —)

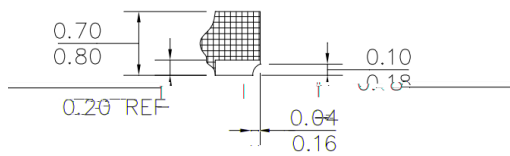
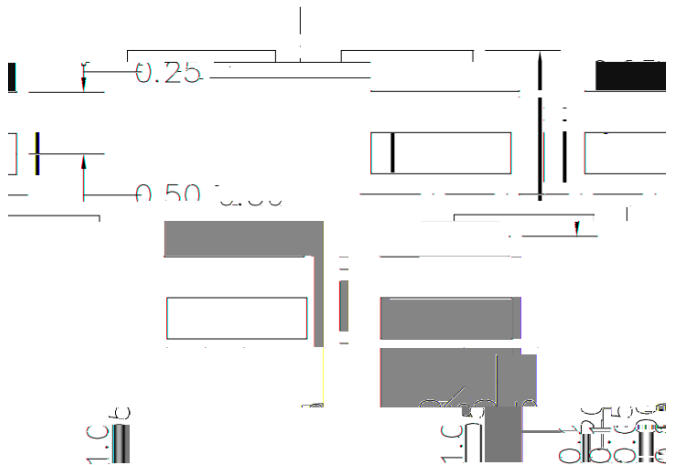
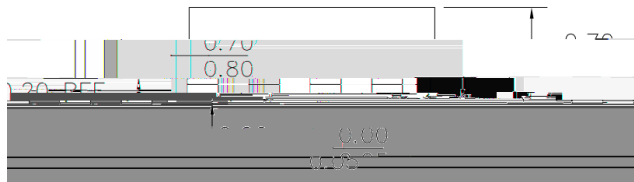
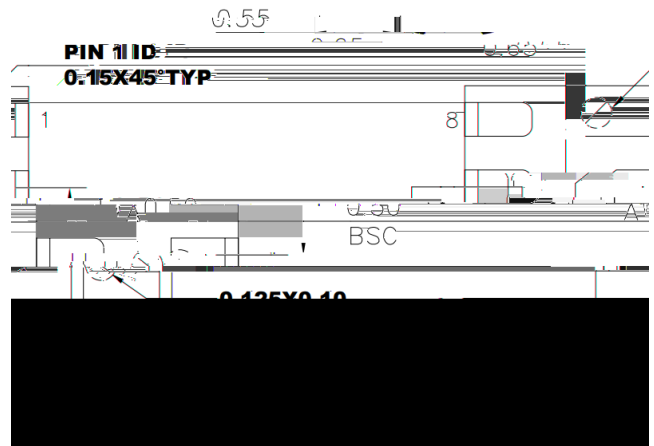
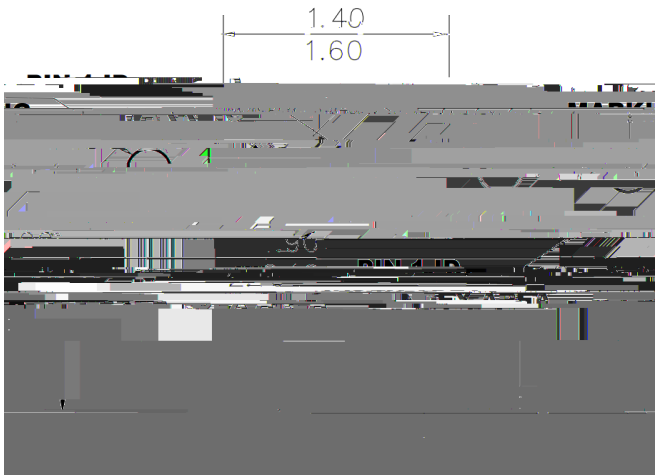
V_{IN}

Output Capacitor Selection

Application Waveforms

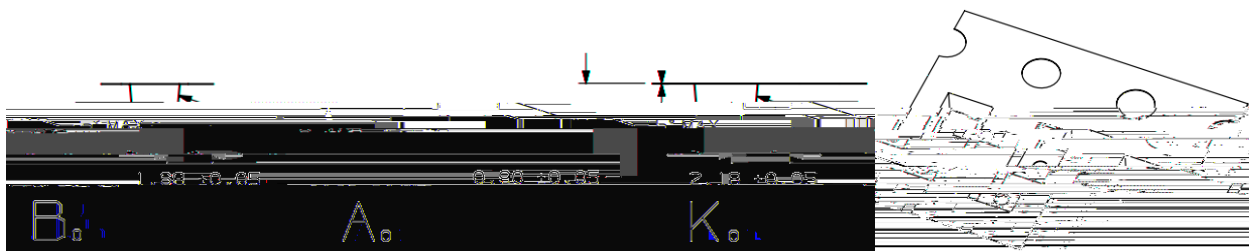
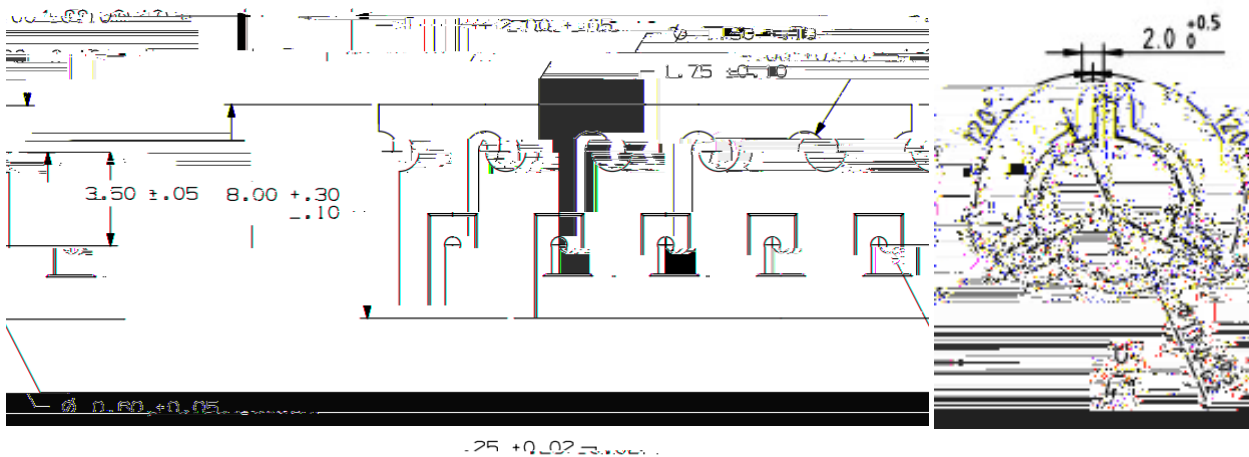
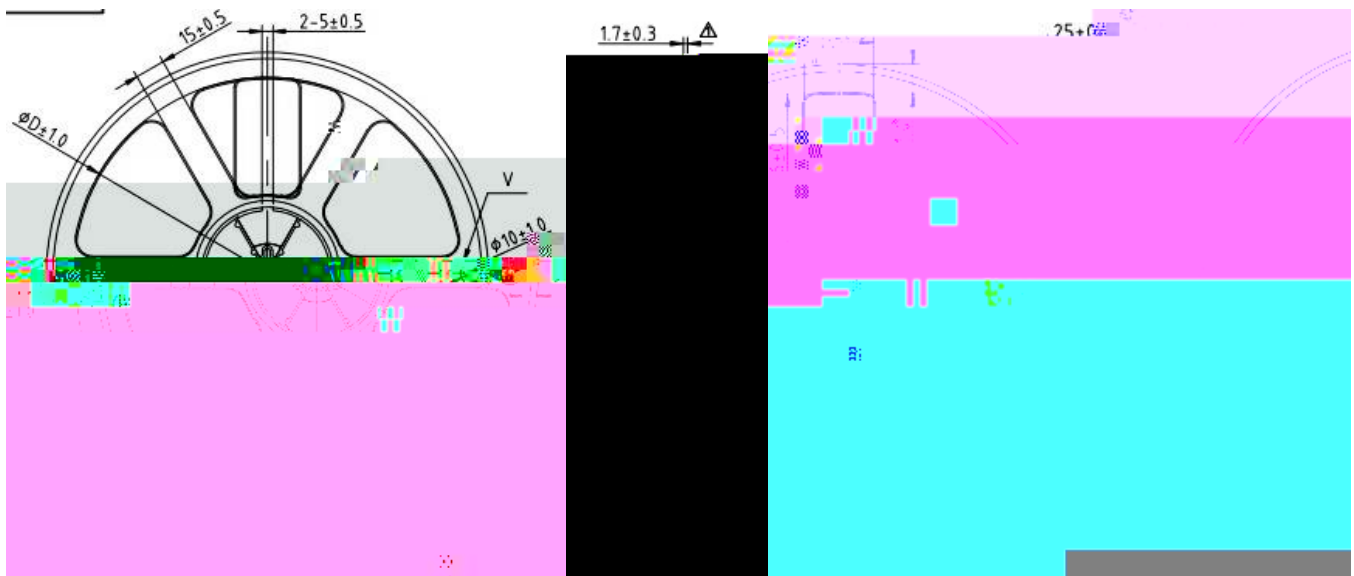


Layout Guideline



NOTE:

SCT2120



NOTICE: