SCT2120

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

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	DEFINITION	MIN	MAX	UNIT

PARAMETER	THERMAL METRIC	FCTQFN1.5X2-8L	UNIT

[redacted]

(—— 1)

Under Voltage Lockout UVLO

Enable(EN)

.

Soft Start(SS)

Over Current Protection (OCP) and Hiccup Mode

Output Voltage

1 (—— 1) 2

V_{OUT}	R_1	R_2

Inductor Selection

(-)

$$\frac{}{2}$$

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

Input Capacitor Selection

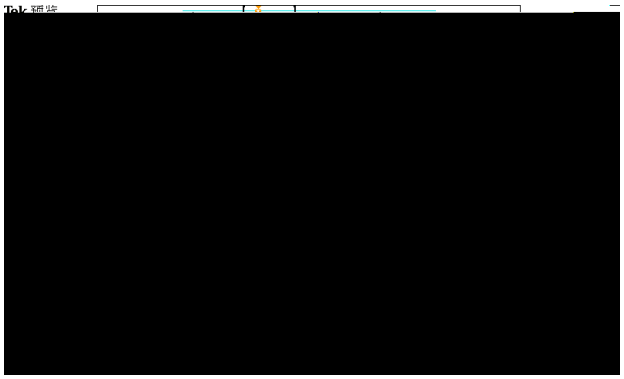
$$\sqrt{\frac{}{} \quad (1 \quad \frac{}{})}$$

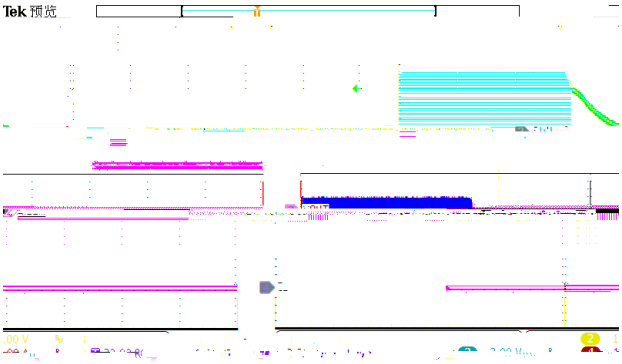
(1)

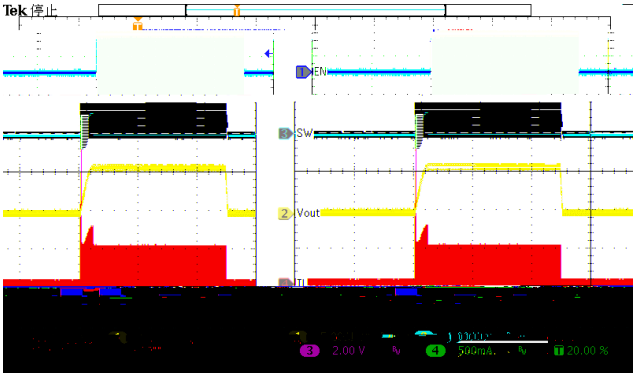
V_{IN}

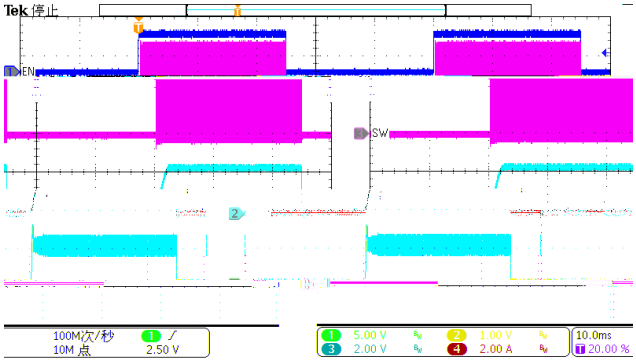
Output Capacitor Selection

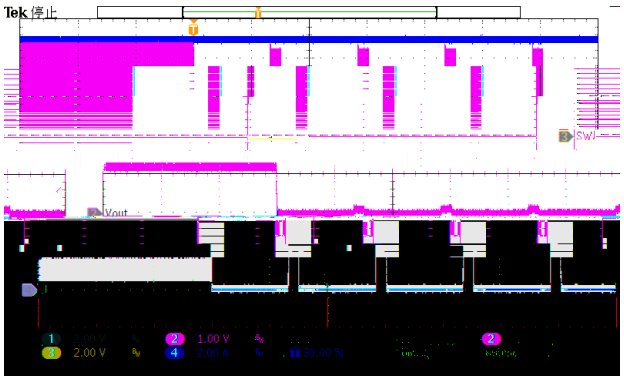
Application Waveforms

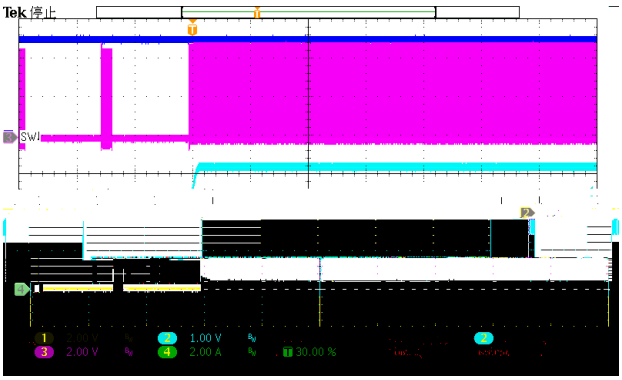






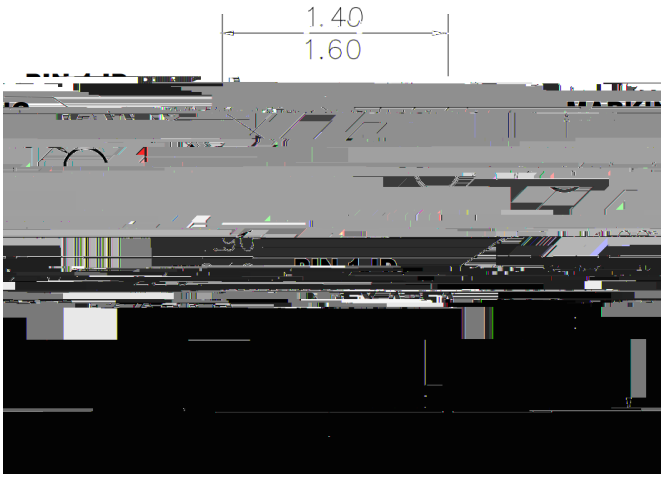


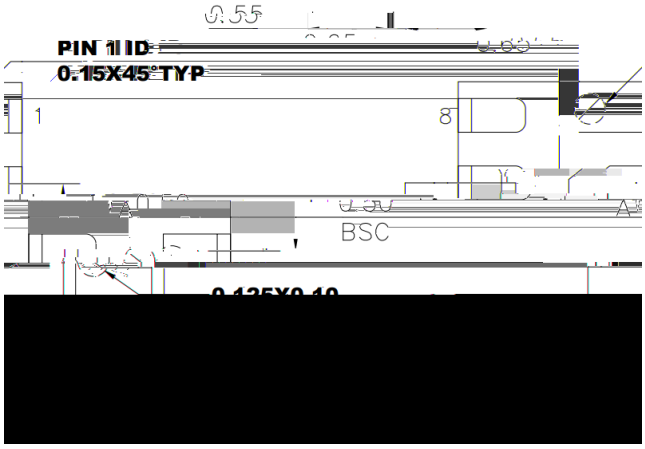


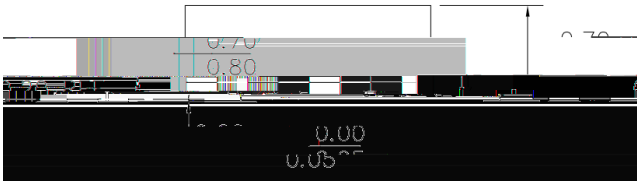


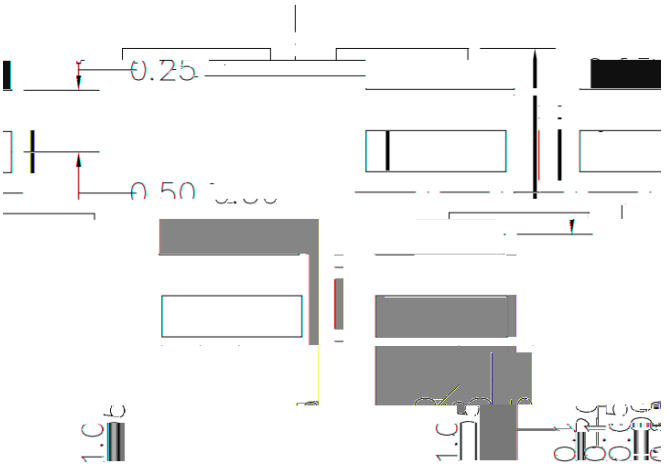
Application Waveforms

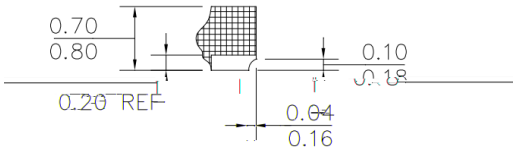
Layout Guideline


1.40
1.60


PIN 1 ID
0.15X45° TYP
1
8
BSC

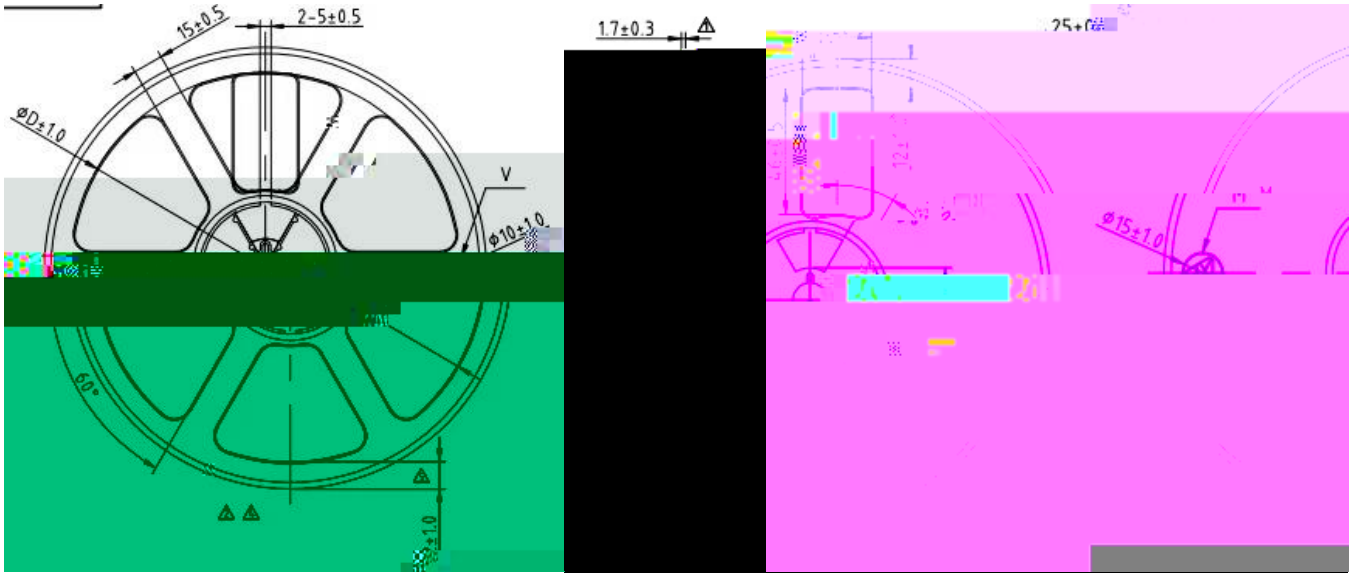

0.80
0.00

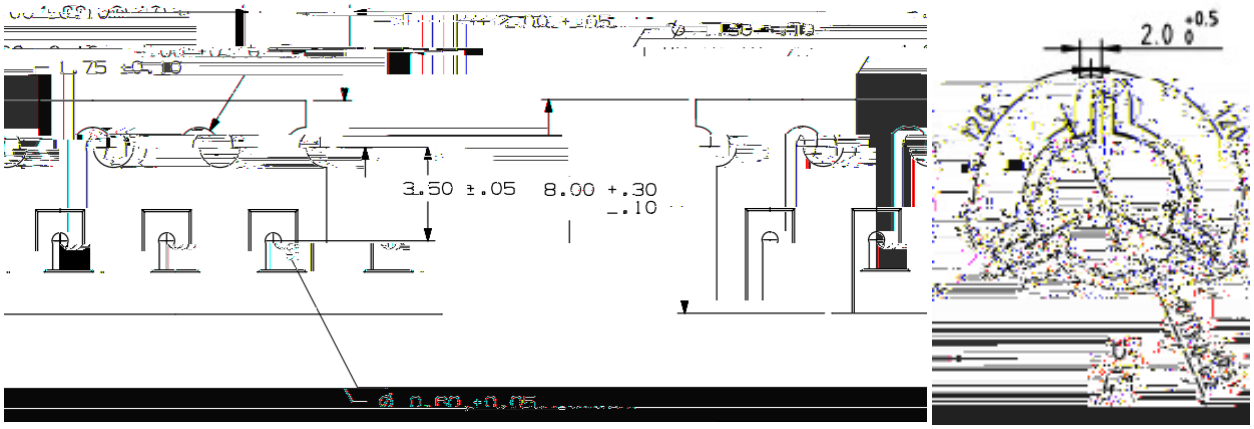

0.25

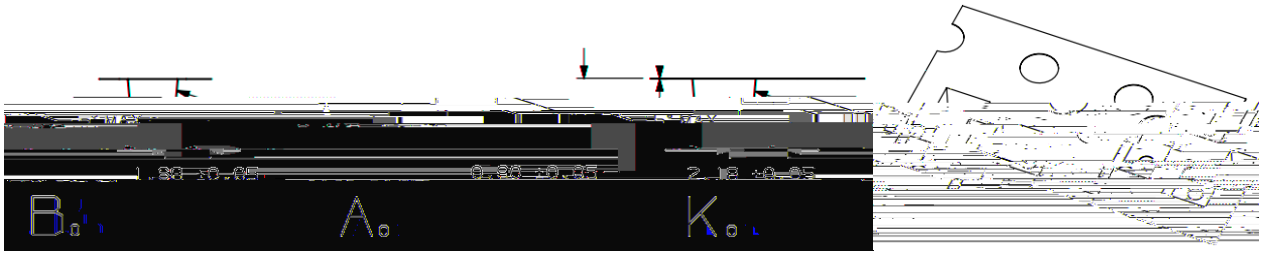

0.70
0.80
0.20 REF
0.10
0.04
0.16

NOTE:

SCT2120


15±0.5
2-5±0.5
1.7±0.3
ØD±1.0
V
Ø10±1.0
60°
Ø15±1.0


3.50 ±.05
8.00 +.30
-.10
2.0
120°


B
A
K

NOTICE: