

PIN FUNCTIONS

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

SCT2120

RECOMMENDED OPERATING CONDITIONS

PARAMETER	DEFINITION	MIN	MAX	UNIT

ESD RATINGS

PARAMETER	DEFINITION	MIN	MAX	UNIT

THERMAL INFORMATION

PARAMETER	THERMAL METRIC	FCTQFN1.5X2-8L	UNIT

TYPICAL CHARACTERISTICS

(— 1)

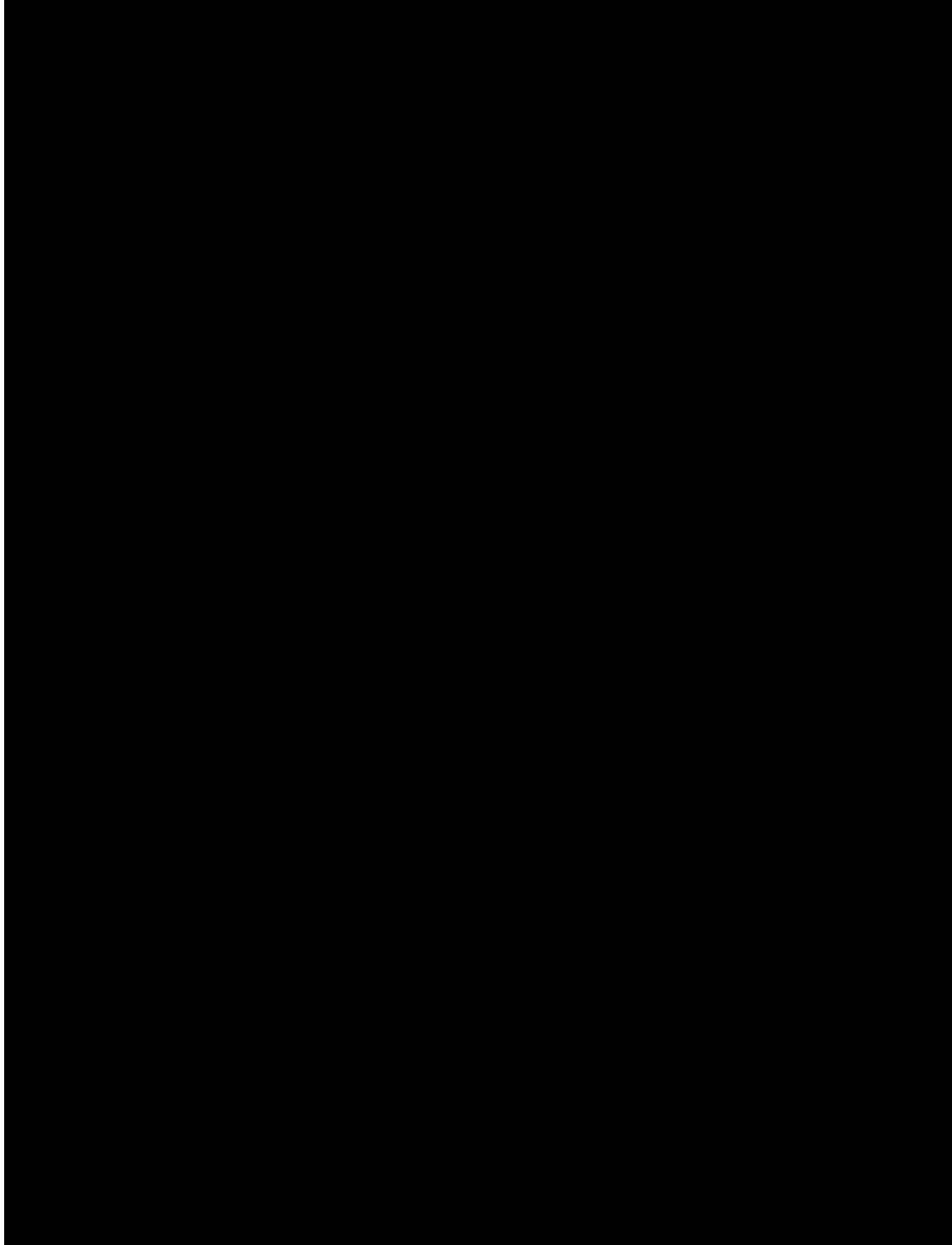
Under Voltage Lockout UVLO

Enable(EN)

reg falatarten-US

Soft Start(SS)

Over Current Protection (OCP) and Hiccup Mode



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

Input Capacitor Selection

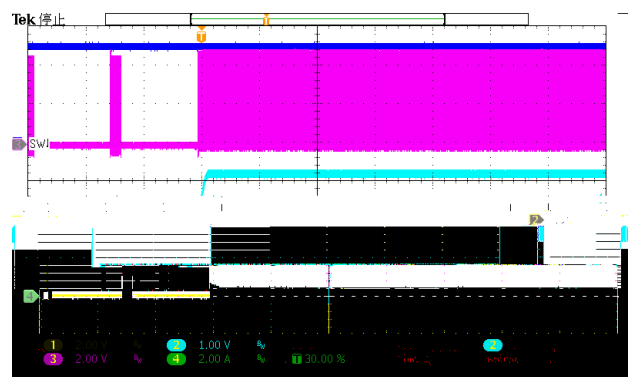
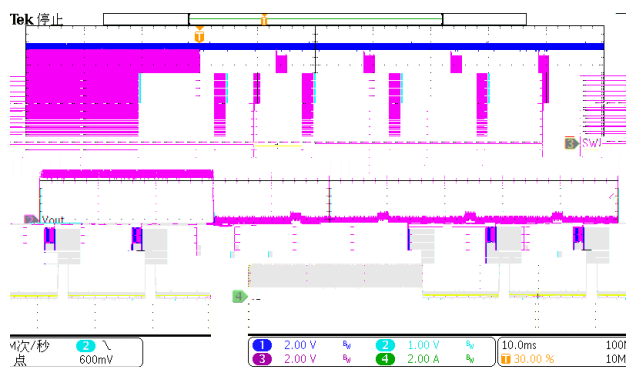
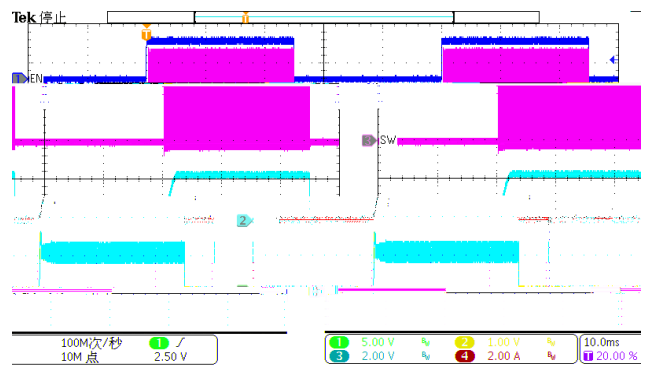
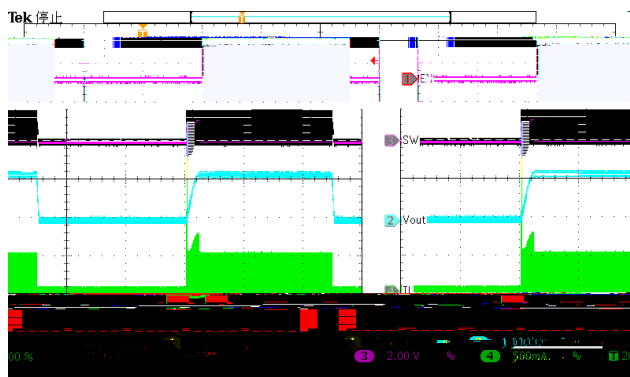
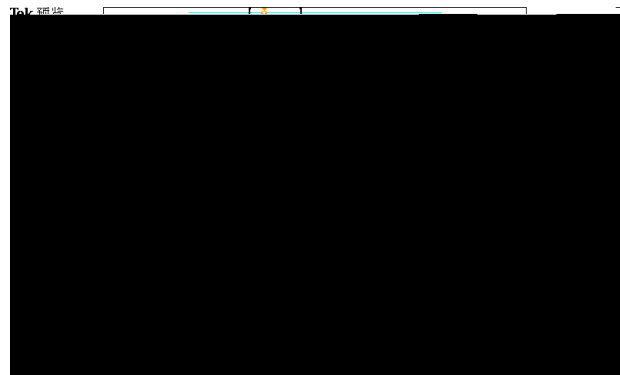
$$\sqrt{\frac{P_{IN}}{f_{SW}} (1 - D)}$$

————— (1 ———)

V_{IN}

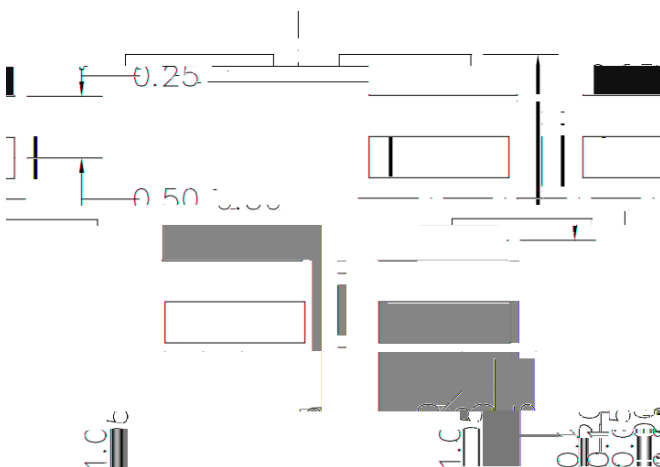
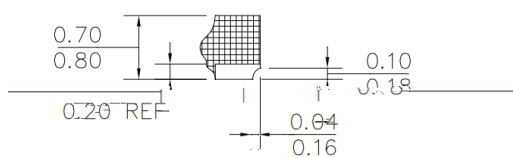
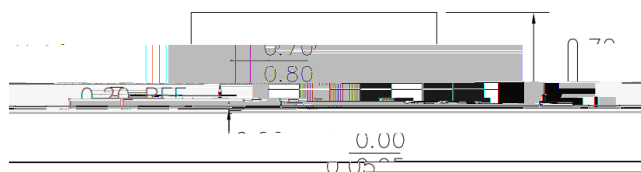
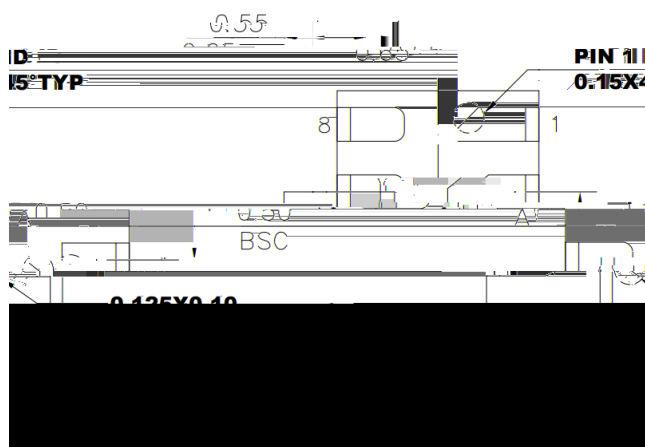
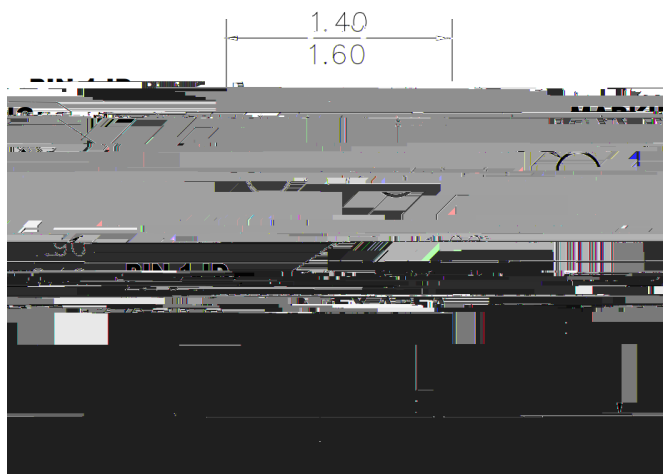
Output Capacitor Selection

Application Waveforms



Layout Guideline

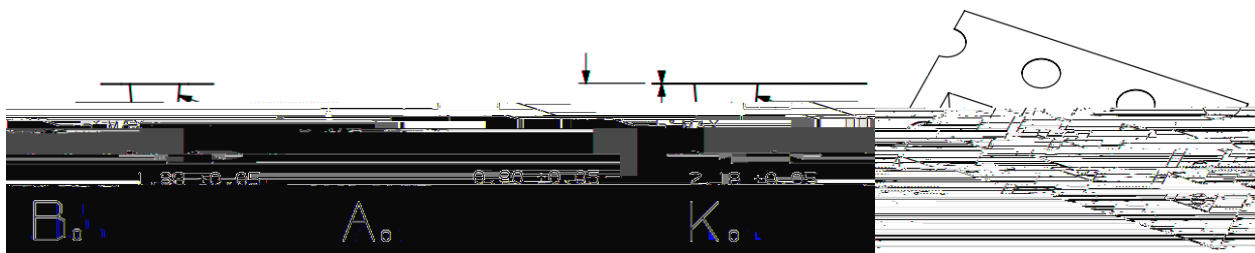
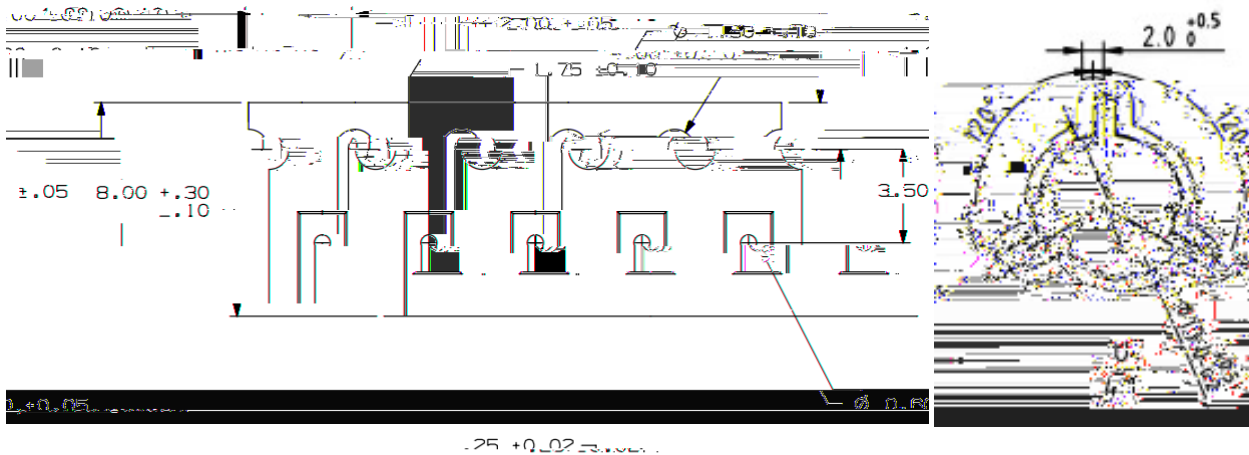
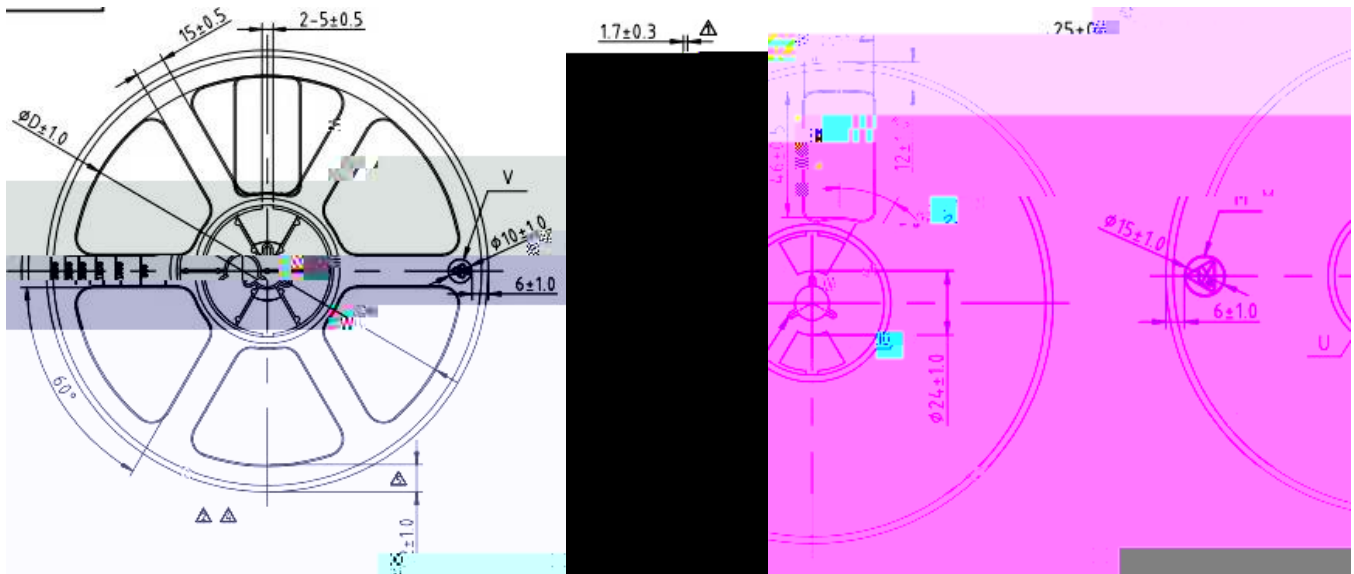
PACKAGE INFORMATION



NOTE:

SCT2120

TAPE AND REEL INFORMATION



TAPE AND REEL INFORMATION

NOTICE: