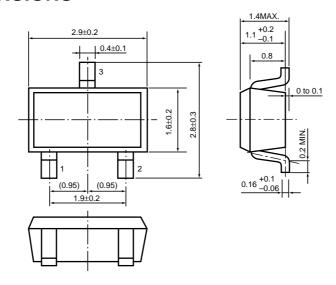
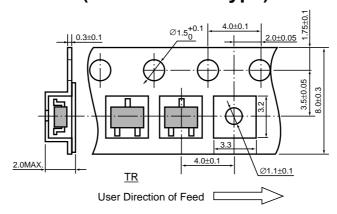
• SOT-23-3 (SC-59A)

Unit: mm

PACKAGE DIMENSIONS

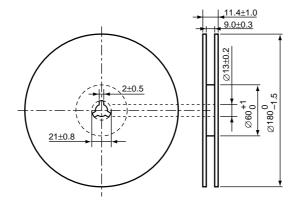


TAPING SPECIFICATION (T1: Standard Type)



TAPING REEL DIMENSIONS

(1reel=3000pcs)



POWER DISSIPATION (SOT-23-3)

This specification is at mounted on board. Power Dissipation (P_D) depends on conditions of mounting on board. This specification is based on the measurement at the condition below:

(Power Dissipation (SOT-23-3) is substitution of SOT-23-6.)

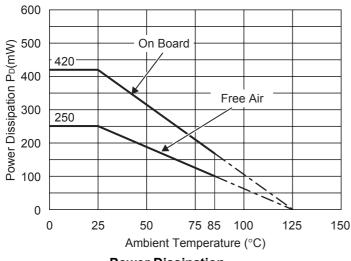
Measurement Conditions

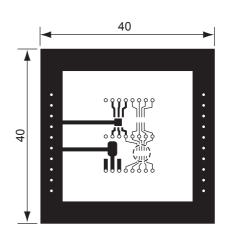
	Standard Land Pattern	
Environment	Mounting on Board (Wind velocity=0m/s)	
Board Material	Glass cloth epoxy plactic (Double sided)	
Board Dimensions	40mm × 40mm × 1.6mm	
Copper Ratio	Top side : Approx. 50% , Back side : Approx. 50%	
Through-hole	φ0.5mm × 44pcs	

Measurement Result

(Topt=25°C,Tjmax=125°C)

	Standard Land Pattern	Free Air
Power Dissipation	420mW	250mW
Thermal Resistance	θja=(125–25°C)/0.42W=263°C/W	400°C/W





Power Dissipation

Measurement Board Pattern

() IC Mount Area Unit: mm

RECOMMENDED LAND PATTERN (SOT-23-3)

