

Features

- High gain ($f_T=7\text{GHz}$ typ)
- High Current ($I_C=150\text{mA}$)
- Ultraminiature and thin 6pin package
- Large Collector Dissipation (800mW)

Specifications

Absolute Maximum Ratings at $T_a=25^\circ\text{C}$

Parameter	Symbol	Conditions	Ratings	Unit
Collector-to- Base Voltage	V_{CBO}		20	V
Collector-to-Emitter Voltage	V_{CEO}		12	V
Emitter-to-Base Voltage	V_{EBO}		2	V
Collector Current	I_C		150	mA
Collector Dissipation	P_C	When mounted on ceramic substrate ($250\text{mm}^2 \times 0.8\text{mm}$)	800	mW
Junction Temperature	T_J		150	$^\circ\text{C}$
Storage Temperature	T_{stg}		-55 to +150	$^\circ\text{C}$

Package Dimensions

unit : mm (typ)

7018A-002