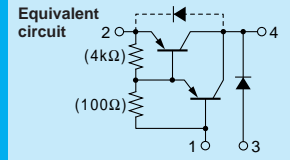


SAH03



Silicon PNP Epitaxial Planar Transistor with Fast-Recovery Rectifier Diode

Application : Voltage change switch for motor

Absolute maximum ratings (Ta=25°C)

Symbol	SAH03	Unit
V _{CB0}	-60	V
V _{CEO}	-60	V
V _{EB0}	-6	V
I _C	-1.2	A
I _B	-0.1	A
P _C	1.0(Ta=25°C)	W
T _J	150	°C
T _{stg}	-40to+150	°C

Electrical Characteristics (Ta=25°C)

Symbol	Conditions	SAH03	Unit
I _{CB0}	V _{CB} =-60V	-10max	μA
I _{EB0}	V _{EB} =-6V	-3max	mA
V _{(BR)CEO}	I _C =-10mA	-60min	V
h _{FE}	V _{CE} =-4V, I _C =-1A	2000 to 12000	
V _{CE(sat)}	I _C =-1A, I _B =-2mA	-1.4max	V
f _r	V _{CE} =-12V, I _E =0.1A	100typ	MHz
COB	V _{CB} =-10V, f=1MHz	30typ	pF
V _R	I _R =100μA	100 min	V
V _F	I _F =0.5A	1.5 max	V
t _{rr}	I _F =±100mA	100 typ	ns

External Dimensions PS Pack

