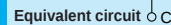


2SB1259



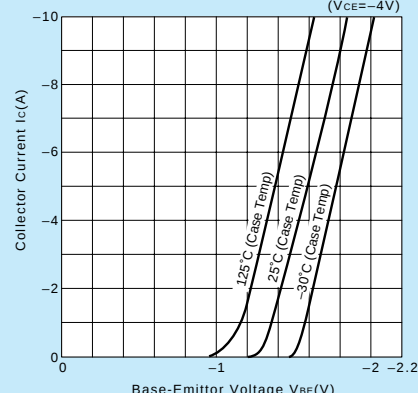
Application : Driver for Solenoid, Relay and Motor and General Purpose

(Ta=25°C)

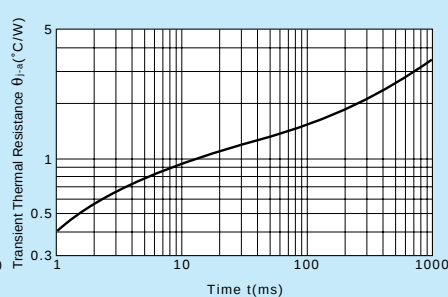
Symbol	Conditions	2SB1259	Unit
ICBO	$V_{CB} = -120V$	-10max	μA
IEBO	$V_{EB} = -6V$	-10max	mA
$V_{(BR)CEO}$	$I_C = -10mA$	-120min	V
h_{FE}	$V_{CE} = -4V, I_C = -5A$	2000min	
$V_{CE(sat)}$	$I_C = -5A, I_B = -10mA$	-1.5max	V
$V_{BE(sat)}$	$I_C = -5A, I_B = -10mA$	-2.0max	V
f _r	$V_{CE} = -12V, I_E = 0.2A$	100typ	MHz
COB	$V_{CB} = -10V, f = 1MHz$	145typ	pF

■ Typical Switching Characteristics (Common Emitter)

I_C-V_{BE} Temperature Characteristics (Typical)



θ_{j-a-t} Characteristics



Pc-Ta Derating

