



## Silicon NPN Power Transistors

## D44TD3/4/5

### ELECTRICAL CHARACTERISTICS

$T_C=25^\circ\text{C}$  unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	MAX	UNIT
$V_{CEO(SUS)}$	Collector-Emitter Sustaining Voltage	D44TD3	300		V
		D44TD4			
		D44TD5			
$V_{CE(sat)}$	Collector-Emitter Saturation Voltage	$I_C= 2A; I_B= 0.4A$		1.0	V
$V_{BE(sat)}$	Base-Emitter Saturation Voltage	$I_C= 2A; I_B= 0.4A$		1.5	V
$I_{CEV}$	Collector Cutoff Current	D44TD3		0.1	mA
		D44TD4			
		D44TD5			
$I_{EBO}$	Emitter Cutoff Current	$V_{EB}= 6V; I_C=0$		1.0	mA
$h_{FE}$	DC Current Gain	$I_C= 2A; V_{CE}= 3V$	5		