



2N3849 (#23145)

RFQ/Sample

NPN Transistor

Package
TO-63(STD)

Division [Lawrence](#) **Datasheet** (none)
Mil-Spec (none)
Shipping (none) **Qual Data** Contact Microsemi

Maximum Electrical Rating	Symbol	Max	Unit
Power Dissipation	Power	150	W
Collector Current	I_C	20	A
Breakdown Voltage Collector -to-Base	B_{V(CBO)}	400	V
Voltage Collector to Emitter Open	V_{CEO}	300	V
Voltage Emitter to Base Open	BV_{EBO}	10	V

Electrical Rating	Symbol	Min	Typ	Max	Unit
Collector Emitter Saturation Voltage					
(I _B =2 mA, I _C =15 mA, T _A =25 °C, 300µ s pulse)	V_{CE(sat)}			1	V
DC Current Gain					
(I _C =15 mA, T _A =25 °C, 300µ s pulse)	HFE	40		200	

