



2N3878 (#23150)

RFQ/Sample

NPN Transistor

Package

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

Maximum Electrical Rating	Symbol	Max	Unit
Power Dissipation	Power	35	W
Collector Current	I_C	7	A
Breakdown Voltage Collector -to-Base	B_{V(CBO)}	120	V
Voltage Collector to Emitter Open	V_{CEO}	50	V
Voltage Emitter to Base Open	BV_{EBO}	7	V

Electrical Rating	Symbol	Min	Typ	Max	Unit
Collector Emitter Saturation Voltage					
(I _B =0.4 mA, I _C =0.5 mA, T _A =25 °C, 300µ s pulse)	V_{CE(sat)}			2	V
DC Current Gain					
(I _C =0.5 mA, T _A =25 °C, 300µ s pulse)	HFE	50		200	

