

# 2N3778 (#23707)

RFQ/Sample

## PNP Transistor

Package  
TO-5(STD)

<b>Division</b>	<a href="#">Ireland</a>	<b>Datasheet</b>	(none)
<b>Mil-Spec</b>	(none)	<b>Spice Data</b>	(none)
<b>Shipping</b>	(none)	<b>Qual Data</b>	Contact Microsemi

Maximum Electrical Rating	Symbol	Max	Unit
<b>Power Dissipation</b>	<b>Power</b>	5	W
<b>Collector Current</b>	$I_C$	1	A
<b>Breakdown Voltage Collector-to-Base</b>	$BV_{(CBO)}$	40	V
<b>Voltage Collector to Emitter Open</b>	$V_{CEO}$	40	V
<b>Voltage Emitter to Base Open</b>	$BV_{EBO}$	8	V

Electrical Rating	Symbol	Min	Typ	Max	Unit
<b>Collector Emitter Saturation Voltage</b> ( $I_B=40\text{ mA}$ , $I_C=200\text{ mA}$ , $T_A=25\text{ }^\circ\text{C}$ , 300 $\mu\text{s}$ pulse)	$V_{CE(sat)}$			0.2	V
<b>DC Current Gain</b> ( $I_C=200\text{ mA}$ , $T_A=25\text{ }^\circ\text{C}$ , 300 $\mu\text{s}$ pulse)	<b>HFE</b>	10		40	

