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2N5084 (#23279)

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**NPN Transistor**

**Package**  
TO-59\_ISO(STD)

<b>Division</b>	<a href="#">Lawrence</a>	<b>Datasheet</b>	(none)
<b>Mil-Spec</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>	20	W
<b>Collector Current</b>	<b>I<sub>C</sub></b>	10	A
<b>Breakdown Voltage Collector-to-Base</b>	<b>B<sub>V(CBO)</sub></b>	120	V
<b>Voltage Collector to Emitter Open</b>	<b>V<sub>CEO</sub></b>	60	V
<b>Voltage Emitter to Base Open</b>	<b>BV<sub>EBO</sub></b>	6	V

Electrical Rating	Symbol	Min	Typ	Max	Unit
<b>Collector Emitter Saturation Voltage</b>				0.5	V
(I <sub>B</sub> =0.5 mA, I <sub>C</sub> =2 mA, T <sub>A</sub> =25 °C, 300µs pulse)	<b>V<sub>CE(sat)</sub></b>				
<b>DC Current Gain</b>				300	
(I <sub>C</sub> =2 mA, T <sub>A</sub> =25 °C, 300µs pulse)	<b>HFE</b>	100			

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