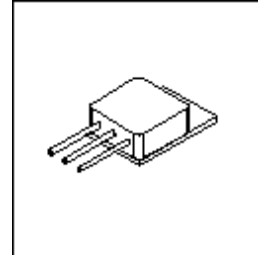


# PPF440M (#45807)

## N Channel MOSFET

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

### Package



Maximum Electrical Rating	Symbol	Max	Unit
<b>Breakdown Voltage Drain-to-Source</b>	<b>B<sub>VDSS</sub></b>	500	V
<b>Drain Current (Continuous)</b>			
(T <sub>A</sub> =100°C)	<b>I<sub>D1</sub></b>	5	A
(T <sub>A</sub> =25°C)	<b>I<sub>D2</sub></b>	8	A
<b>Power Dissipation</b>	<b>P<sub>D</sub></b>	125	W
<b>Thermal Resistance, Junction to Case</b>	<b>R<sub>θJC</sub></b>	1	°C/Watt

Electrical Rating	Symbol	Min	Typ	Max	Unit
<b>Static Drain to Source "on" Resistance</b>	<b>R<sub>DS(on)</sub></b>			0.85	Ohm

