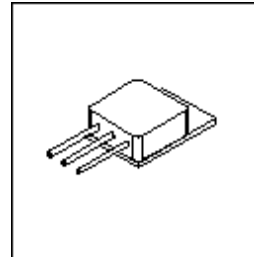


# PPFL3803M (#45786)

## N Channel MOSFET

<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

### Package



Maximum Electrical Rating	Symbol	Max	Unit
<b>Breakdown Voltage Drain-to-Source</b>	<b>B<sub>VDS</sub></b>	30	V
<b>Drain Current (Continuous)</b>			
(T <sub>A</sub> =25°C)	<b>I<sub>D1</sub></b>	35	A
(T <sub>A</sub> =100°C)	<b>I<sub>D2</sub></b>	35	A
<b>Power Dissipation</b>	<b>P<sub>D</sub></b>	150	W
<b>Thermal Resistance, Junction to Case</b>	<b>R<sub>θJC</sub></b>	0.83	°C/Watt

Electrical Rating	Symbol	Min	Typ	Max	Unit
<b>Static Drain to Source "on" Resistance</b>	<b>R<sub>DS(on)</sub></b>			0.0095	Ohm

