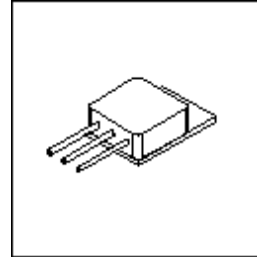


PPF450M (#45809)

N Channel MOSFET

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

Package



Maximum Electrical Rating	Symbol	Max	Unit
Breakdown Voltage Drain-to-Source	B_{VDSS}	500	V
Drain Current (Continuous)			
(T _A =100°C)	I_{D1}	8	A
(T _A =25°C)	I_{D2}	12	A
Power Dissipation	P_D	150	W
Thermal Resistance, Junction to Case	R_{θJC}	0.83	°C/Watt

Electrical Rating	Symbol	Min	Typ	Max	Unit
Static Drain to Source "on" Resistance	R_{DS(on)}			0.42	Ohm

