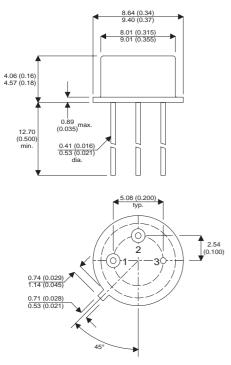


Dimensions in mm (inches).



TO39 (TO205AF) **PINOUTS**

IRFF034

N-Channel MOSFET in a Hermetically sealed TO39 Metal Package.

N-Channel MOSFET. $V_{\text{DSS}} = 60V$

I_D = 16A

 $R_{DS(ON)} = 0.05\Omega$

All Semelab hermetically sealed products can be processed in accordance with the requirements of BS, CECC and JAN, JANTX, JANTXV and JANS specifications.

1 – Source 2 – Gate 3 - Drain				
Parameter	Min.	Тур.	Max.	Units
Drain – Source Breakdown Voltage			60	V
Continuous Drain Current			16	А
Power Dissipation			14	W
Static Drain – Source On–State Resistance			0.05	Ω
Input Capacitance		1300		pF
Total Gate Charge			47	nC
Turn–On Delay Time			21	ns
Rise Time			110	ns
Turn–Off Delay Time			83	ns
Fall Time			50	ns
	Parameter Drain – Source Breakdown Voltage Continuous Drain Current Power Dissipation Static Drain – Source On–State Resistance Input Capacitance Total Gate Charge Turn–On Delay Time Rise Time Turn–Off Delay Time	ParameterMin.Drain – Source Breakdown VoltageContinuous Drain CurrentPower DissipationStatic Drain – Source On–State ResistanceInput CapacitanceTotal Gate ChargeTurn–On Delay TimeRise TimeTurn–Off Delay Time	ParameterMin.Typ.Drain – Source Breakdown VoltageContinuous Drain CurrentPower DissipationStatic Drain – Source On–State ResistanceInput CapacitanceInput CapacitanceTotal Gate ChargeTurn–On Delay TimeRise TimeTurn–Off Delay Time	ParameterMin.Typ.Max.Drain – Source Breakdown Voltage60Continuous Drain Current16Power Dissipation14Static Drain – Source On–State Resistance0.05Input Capacitance1300Total Gate Charge47Turn–On Delay Time21Rise Time110Turn–Off Delay Time83

This is a shortform datasheet. For a full datasheet please contact sales@semelab.co.uk.

Semelab PIc reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by Semelab is believed to be both accurate and reliable at the time of going to press. However Semelab assumes no responsibility for any errors or omissions discovered in its use.

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