



Products

Support

Requests

Investors

MX2N3822 (#75616)

RFQ/Sample

N Channel JFET

Package

Division	Lawrence	Datasheet	lds-0005.doc
Mil-Spec	375		
Shipping	(none)	Qual Data	Contact Microsemi

Maximum Electrical Rating	Symbol	Max	Unit
Power Dissipation	P_D	0.3	W

Electrical Rating	Symbol	Min	Typ	Max	Unit
Gate-Source Voltage	V_{GS}	50			V
Drain-Source Voltage	V_{DS}	50			V
Drain-Gate Voltage	V_{DG}	50			V
Gate Current	I_G			10	mA
Junction Temperature	T_J	-55		200	°C
Operating and Storage Temperature	T_{STG}/Top	-55		200	°C

Electrical Test	Symbol	Min	Typ	Max	Unit
Gate-Source "Off" State Voltage	$V_{GS(off)}$			6	V
Gate Reverse Current	I_{GSS}			0.1	nA
Drain Current Zero Gate Voltage	I_{DSS}	2		10	mA
Input Capacitance/Source to Drain Short	C_{iss}			6	pF
Reverse Transfer Capacitance	C_{rss}			3	pF

