

# TO-72

## N Channel JFET

### Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)

#### Maximum Ratings

DEVICE	V <sub>DS</sub> (V) min	V <sub>DG</sub> (A) min	V <sub>GSR</sub> (A) min	P <sub>D</sub> (W)	V <sub>ass</sub> (V) min	V <sub>ass</sub> • I <sub>G</sub> (μA)	V <sub>GS(off)</sub> • V <sub>DS</sub> & I <sub>D</sub> (V) (V) (nA) max	I <sub>GSS</sub> • V <sub>GS</sub> (nA) (V) max	V <sub>GS</sub> • V <sub>DS</sub> & I <sub>D</sub> (V) (V) (μA) min max	I <sub>DSS</sub> • V <sub>DS</sub> (mA) (V) min max	Y <sub>fs</sub> • V <sub>DS</sub> & Freq (mmhos) (V) (MHz) min max	Y <sub>os</sub> • V <sub>DS</sub> & Freq (μmhos) (V) (KHz) max	C <sub>iss</sub> • V <sub>DS</sub> & Freq (pF) (V) (MHz) max	C <sub>res</sub> • V <sub>DS</sub> & Freq (pF) (V) (MHz) max	NF (dB) max		
																V <sub>DS</sub> (V) min	V <sub>GS</sub> (V) min
BFW10	30	30	30	.3	30	10	8 15	.1 20	2 7.5	15 15	14 14	3.5 6.5	15 15	5 15	.8 15	1 1	2.5 2.5
BFW11	30	30	30	.3	30	10	6 15	.1 20	1.25 4	15 15	15 15	3.0 6.5	15 15	5 15	.8 15	1 1	2.5 2.5