

# JFET Ultra Low Input Current Amplifiers

NATL SEMICOND (DISCRETE)

N Channel

Device	BV <sub>ess</sub> (V) Min	I <sub>ess</sub> (pA) Max	V <sub>p</sub> @ V <sub>DS</sub> I <sub>D</sub>				G <sub>is</sub> (μmho)		C <sub>iss</sub> (pF) Max	C <sub>rss</sub> (pF) Max	Package
			(V)		(V)	(nA)	Min	Max			
			Min	Max							
MMBF4117	40	10	0.6	2.8	10	1	20	210	3	1.5	TO-236*
PN4117	40	10	0.6	2.8	10	1	20	210	3	1.5	TO-92(92)
2N4118	40	10	1	3	10	1	80	250	3	1.5	TO-72
MMBF4118	40	10	1	3	10	1	80	250	3	1.5	TO-236*
MMBF4119	40	10	2	6	10	1	100	330	3	1.5	TO-236*
2N4117A	40	1	0.6	1.8	10	1	70	210	3	1.5	TO-72
PN4117A	40	1	0.6	2.8	10	1	70	210	3	1.5	TO-92(92)
2N4118A	40	1	1	3	10	1	80	250	3	1.5	TO-72

\* TO-236AB is standard for all devices.  
Please refer to Surface Mount section for TO-236 Device Marking.

