



THE DATASHEET OF FMMT918TA



**SOT23 NPN SILICON PLANAR
VHF/UHF TRANSISTOR**
ISSUE 2 – JANUARY 1996

PARTMARKING DETAILS – 3B

ABSOLUTE MAXIMUM RATINGS

PARAMETER
Collector-Base Voltage
Collector-Emitter Voltage
Emitter-Base Voltage
Continuous Collector Current
Power Dissipation at $T_{amb}=25^{\circ}\text{C}$
Operating and Storage Temperature Range

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	30
Collector-Emitter Sustaining Voltage	$V_{CEI(sus)}$	15
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$	3
Collector Cut-Off Current	I_{CBO}	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	
Base-Emitter Saturation Voltage	$V_{BE(sat)}$	
Static Forward Current Transfer Ratio	h_{FE}	20
Transition Frequency	f_T	60
Output Capacitance	C_{obo}	
Input Capacitance	C_{ibo}	
Noise Figure	N	
Common Emitter Power Gain	G_{pe}	

*Measured under pulsed conditions. Pulse width and duty cycle dependent. Spice parameter data is available upon request.

Looking for pricing, stock, or lifecycle information?

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