



THE DATASHEET OF BCX5216TA

SOT89 PNP SILICON PLANAR

MEDIUM POWER TRANSISTOR

ISSUE 3 – FEBRUARY 1996

COMPLEMENTARY TYPE – BCX51 –
BCX52 –
BCX53 –

PARTMARKING DETAILS –

BCX51 – AA BCX52 – AE

BCX51-10 – AC BCX52-10 – AG

BCX51-16 – AD BCX52-16 – AM

ABSOLUTE MAXIMUM RATINGS

PARAMETER
Collector-Base Voltage
Collector-Emitter Voltage
Emitter-Base Voltage
Peak Pulse Current
Continuous Collector Current
Power Dissipation at T _{amb} =25°C
Operating and Storage Temperature R

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL
Collector-Base Breakdown Voltage	V _{(BR)CBO}
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}
Emitter-Base Breakdown Voltage	V _{(BR)EBO}
Collector Cut-Off Current	I _{CBO}
Emitter Cut-Off Current	I _{EBO}
Collector-Emitter Saturation Voltage	V _{CE(sat)}
Base-Emitter Turn-On Voltage	V _{BE(on)}
Static Forward Current Transfer Ratio	h _{FE}
Transition Frequency	f _T
Output Capacitance	C _{obo}

*Measured under pulsed conditions. Pulse

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