

SOT223 PNP SILICON PLANAR HIGH CURRENT (HIGH PERFORMANCE) TRANSISTORS

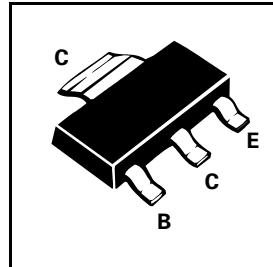
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FZT948

FZT949

FEATURES

- * Extremely low equivalent on-resistance; $R_{CE(sat)}$
- * 6 Amps continuous current
- * Up to 20 Amps peak current
- * Very low saturation voltage
- * Excellent h_{FE} characteristics specified upto 20 Amps



PARTMARKING DETAILS — DEVICE TYPE IN FULL

ABSOLUTE MAXIMUM RATINGS.

PARAMETER	SYMBOL	FZT948	FZT949	UNIT
Collector-Base Voltage	V_{CBO}	-40	-50	V
Collector-Emitter Voltage	V_{CEO}	-20	-30	V
Emitter-Base Voltage	V_{EBO}	-6		V
Peak Pulse Current	I_{CM}	-20		A
Continuous Collector Current	I_C	-6	-5.5	A
Power Dissipation at $T_{amb}=25^\circ C$	P_{tot}	3		W
Operating and Storage Temperature Range	$T_j; T_{stg}$	-55 to +150		°C

*The power which can be dissipated assuming the device is mounted in a typical manner on a P.C.B. with copper equal to 4 square inch minimum