

# SOT223 PNP SILICON PLANAR HIGH CURRENT (HIGH PERFORMANCE) TRANSISTORS

**FZT951**  
**FZT953**

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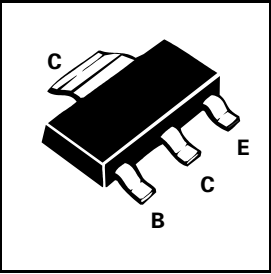
## FEATURES

- \* 5 Amps continuous current , up to 15 Amps peak current
- \* Very low saturation voltages
- \* Excellent gain characteristics specified up to 10 Amps
- \*  **$P_{tot} = 3$  watts**
- \* FZT951 exhibits extremely low equivalent on resistance;  
 **$R_{CE(sat)} = 55m\Omega$  at 4A**

COMPLEMENTARY TYPES - FZT951 = FZT851

FZT953 = FZT853

PARTMARKING DETAILS - DEVICE TYPE IN FULL



## ABSOLUTE MAXIMUM RATINGS.

PARAMETER	SYMBOL	FZT951	FZT953	UNIT
Collector-Base Voltage	$V_{CBO}$	-100	-140	V
Collector-Emitter Voltage	$V_{CEO}$	-60	-100	V
Emitter-Base Voltage	$V_{EBO}$	-6		V
Peak Pulse Current	$I_{CM}$	-15	-10	A
Continuous Collector Current	$I_C$	-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		$^{\circ}C$

\*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