

MMBT3906
PNP TRANSISTOR



VOLTAGE: -40 Volts

CURRENT: -0.2 Ampers

SOT-23

Marking and Polarity

FEATURES

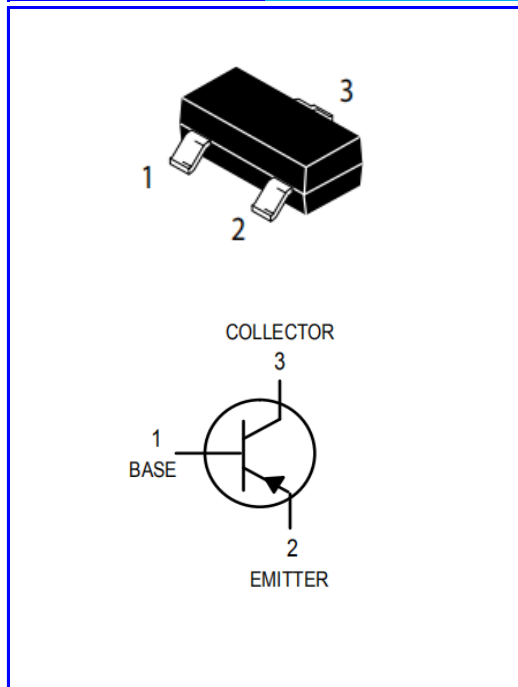
- For Switching and Amplifier Applications

MECHANICAL DATA

- **Package:** SOT-23
- **Epoxy UL:** 94V-0
- **Mounting position:** Any
- **Weight:** approx. 0.01g

DEVICE MARKING

Device	Marking
MMBT3906	2A



Maximum Ratings (Ratings at 25°C ambient temperature unless otherwise specified.)

Parameter	Symbol	Value	Unit
Collector-Base Voltage)	V_{CBO}	-60	V
Collect-Emitter Voltage	V_{CEO}	-40	V
Emitter-Base Voltage	V_{EBO}	-6	V
Collector Current	I_C	-200	mA
Collector Power Dissipation	P_C	300	mW

Thermal Characteristics (Ratings at 25°C ambient temperature unless otherwise specified.)

Junction Temperature	T_J	-55 to 150	°C
Storage Temperature Range	T_{STG}	-55 to 150	°C
Typical thermal resistance (Note 2)	$R_{\theta JA}$	417	°C/W