2SC2060 TRANSISTOR (NPN)

FEATURES

Power dissipation

P_{CM}: 0.75W (Tamb=25ºC)

Collector Current

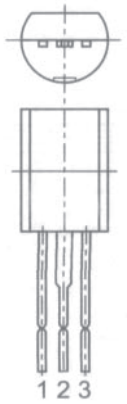
I_{CM}: 1A

Collector-base voltage

$V_{(BR)\ CBO}$: 40V

Operating and storage junction temperature range

T_J, T_{stg}: -55ºC to + 150ºC



TO-92 MOD

1. EMITTER
2. COLLECTOR
3. BASE

ELECTRICAL CHARACTERISTICS

(Tamb=25ºC unless otherwise specified)

Parameter	Symbol	Test Conditions	MIN	MAX	UNIT
Collector-base breakdown voltage	$V_{(BR)\ CBO}$	I_C= 100 µA, I_E=0	40		V
Collector-emitter breakdown voltage	$V_{(BR)\ CEO}$	I_C= 1mA, I_B=0	32		V
Emitter-base breakdown voltage	$V_{(BR)\ EBO}$	I_E= 100 µA, I_C=0	5		V
Collector cut-off current	I_{CBO}	V_{CB}= 40V, I_E=0		0.5	µA
Emitter cut-off current	I_{EBO}	V_{EB}= 4V, I_C=0		0.1	µA
DC current gain	$h_{FE(1)}$	V_{CE}= 3V, I_C= 100mA	80	400	
Collector-emitter saturation voltage	V_{CEsat}	I_c= 500mA, I_B= 50mA		0.4	V

TYPICAL CHARACTERISTICS

2SC2060

Transitorily lack curve chart.

VOLTTS Componentes Eletrônicos

Rua Juquiá, 217 - Vila Antonieta - S.B.C. - Cep:09629-040 - SP - Brasil
Tel: (11) 4367-7411 - Fax: (11) 4367-7416 - www.voltts.com.br - voltts@voltts.com.br