S2000AF

NPN TRIPLE DIFFUSED PLANAR SILICON TRANSISTOR

COLOR TV HORIZONTAL OUTPUT APPLICATIONS(No Damper Diode)

- High Collector-Base Voltage(VCBO=1500V)
- High Speed Switching

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

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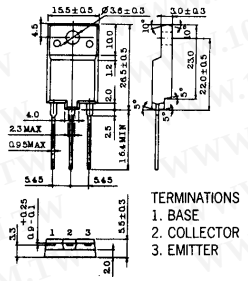

ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	VCBO	1500	V
Collector-Emitter Voltage	VCEO	1500	V
Emitter-Base voltage	VEBO	6	V
Collector Current (DC)	IC	5	A
Collector Dissipation (Tc=25℃)	PC	50	W
Junction Temperature	Tj	150	℃
Storage Temperature	Tstg	-50~150	℃

ELECTRICAL CHARACTERISTICS (Ta=25℃)

Characterristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector- Emitter Cutoff Current(VBE=0)	ICES	VCE= 1400 V, RBE=0			1.0	mA
Collector Cutoff Current	ICBO	VCB= 800 V, IE=0			10	μA
Emitter Cutoff Current	IEBO	VEB= 4V , IC=0			1.0	mA
DC Current Gain	hFE	VCE= 5V , IC=1A	8			
Collector- Emitter Saturation Voltage	VCE(sat)	IC=5A , IB=1A			5.0	V

Wing Shing Computer Components Co., (H.K.)Ltd. Tel:(852)2341 9276 Fax:(852)2797 8153
Homepage: http://www.wingshing.com E-mail: wsccltd@hkstar.com