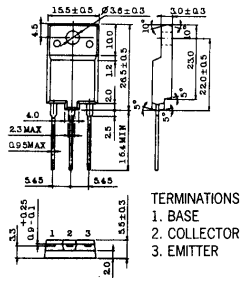
2SD1555

NPN TRIPLE DIFFUSED PLANAR SILICON TRANSISTOR

COLOR TV HORIZONTAL OUTPUT APPLICATIONS(Damper Diode BUILT IN)

- High Collector-Base Voltage(V_{CBO}=1500V)
- High Speed Switching

2-16E3A



ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	V_{CBO}	1500	V
Collector-Emitter Voltage	V_{CEO}	1500	V
Emitter-Base voltage	V_{EBO}	6	V
Collector Current (DC)	I_C	5	A
Collector Dissipation (T_C=25°C)	P_C	50	W
Junction Temperature	Tj	150	°C
Storage Temperature	Tstg	-50~150	°C

ELECTRICAL CHARACTERISTICS (T_A=25°C)

Characterristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector- Emitter Cutoff Current(V_{BE}=0)	I_{CES}	V_{CE}= 1400 V ,			1.0	mA
Collector Cutoff Current	I_{CBO}	R_{BE}=0			10	μA
Emitter Cutoff Current	I_{EBO}	V_{CB}= 800 V , I_E=0			1.0	mA
DC Current Gain	h_{FE}	V_{EB}= 4V , I_C=0	8			
Collector- Emitter Saturation Voltage	$V_{CE(sat)}$	V_{CE}= 5V , I_C=1A I_C=5A , I_B=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