

2SC1755, 1756, 1757

NPN Triple Diffused Planar Silicon Transistors
FOR CHROMA OUTPUT & AF OUTPUT OF COLOR TV
FOR VIDEO OUTPUT & AF OUTPUT OF B/W TV

These 2SC1755,1756,1757 are different only from their packages.

Absolute Maximum Ratings at Ta=25°C

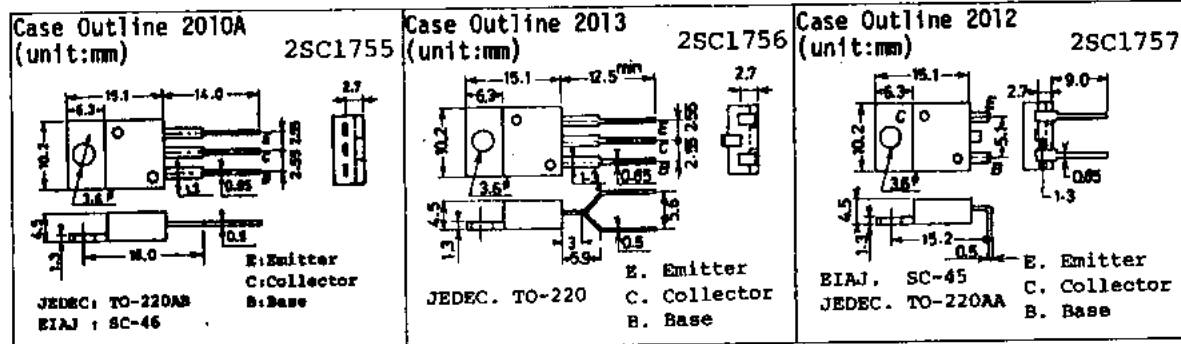
Collector to Base Voltage	VCBO	300	V	
Collector to Emitter Voltage	VCEO	300	V	
Emitter to Base Voltage	VEBO	7	V	
Collector Current	IC	200	mA	
Peak Collector Current	icp	700	mA	
Collector Dissipation	PC	1.2	W	
	PC	Tc=25°C	15	W
Junction Temperature	Tj	150	°C	
Storage Temperature	Tstg	-40 to +150	°C	

Electrical Characteristics at Ta=25°C

Collector Cutoff Current	I_{CBO}	$V_{CB}=200V, I_E=0$	0.1	μA
Emitter Cutoff Current	I_{EBO}	$V_{EB}=5V, I_C=0$	0.1	μA
DC Current Gain	h_{FE}	$V_{CE}=10V, I_C=10mA$	40*	200*
Gain Bandwidth Product	f_T	$V_{CE}=30V, I_C=10mA$	50	MHz
Output Capacitance	c_{ob}	$V_{CB}=50V, f=1MHz$	5.3	pF
C-E Saturation Voltage	$V_{CE(sat)}$	$I_C=50mA, I_B=5mA$	2.0	V

* The 2SC1755, 1756, 1757 are classified as follows.

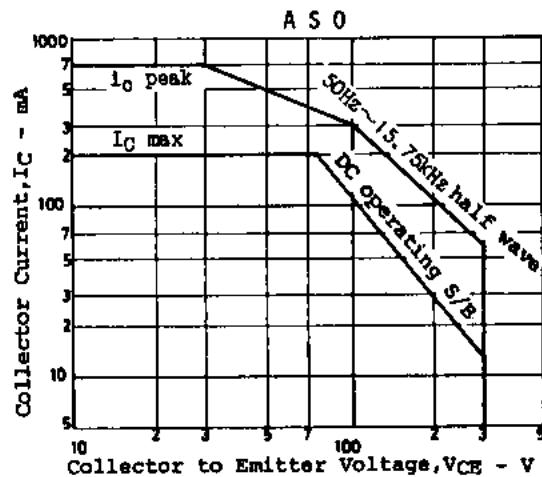
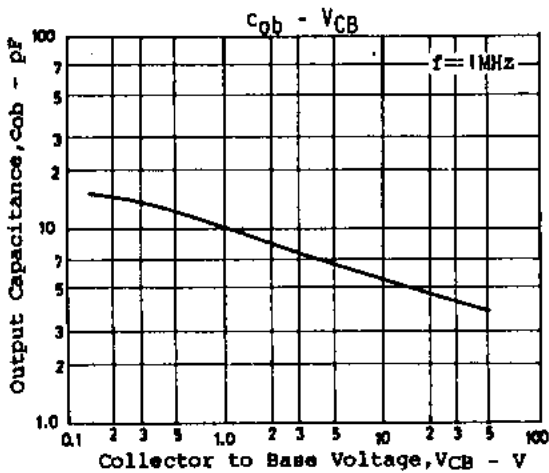
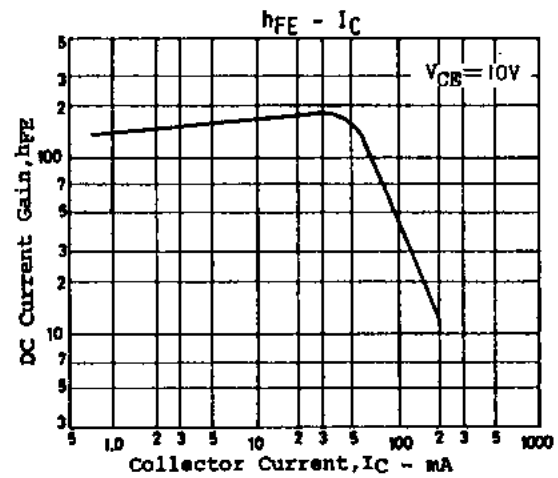
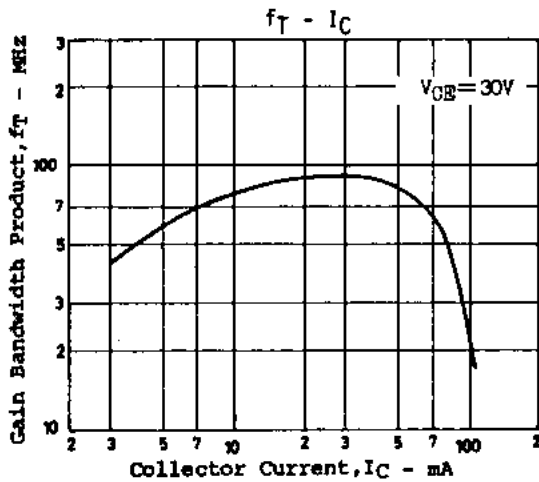
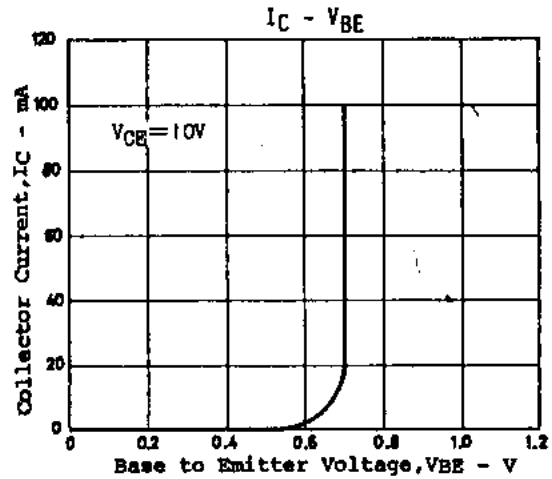
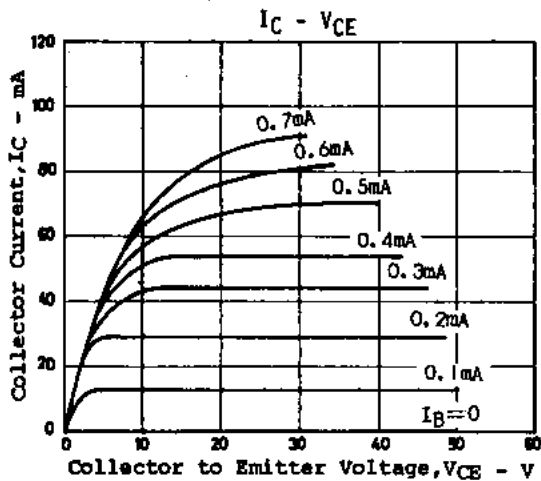
40	C	80	60	D	120	100	E	200
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These specifications are subject to change without notice.

SANYO ELECTRIC CO., LTD. SEMICONDUCTOR DIVISION
5-1-1 HIRAKAWA, SOTOHARANDA, CHUO-KU, TOKYO 104, JAPAN

4157KI/3185MW, TS No. 429-1/2



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