

Absolute Maximum Ratings

Symbol	2SA770	2SA771	Unit	
Vcво	-60	-80		
VCEO	-60	-80	V	
VEBO	_	V		
lc	_	.Α		
la	-	Α		
Pc	40 (TFL	W		
Tj	Гј 150			
Tstg −55~+150			°C	

35E D 7990741 0000585 1 BBSAKJ T33-19

Silicon PNP Epitaxial Planar

☆Complement to types 2SC1985 thru 2SC1986

Application Example :	Outline Drawing 1 ······MT-25(TO220)		
General and Industrial Purpose	Test Circuit		

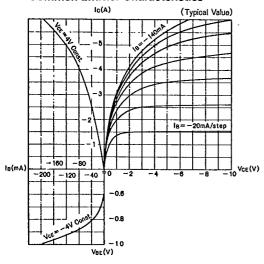
Electrical Characteristics

Symbol	Conditions	2SA770	2SA771	Unit	
ісво		-1.0max	-1.0max	mA	
	V _{CB} =	-60	-80	V	
lebo .	V _{EB} =-6V	-1.0	-1.0max		
V(BR)CEQ	lo =-25mA	-60min .	-80min	V	
hre	Voe=-4V, lo=-1A	40min			
Vce(sat)	lc =-3A, l _B =-0.3A	-1.0max		V	
Ĭτ	Voe=-12V, IE=0.5A	10	10typ		

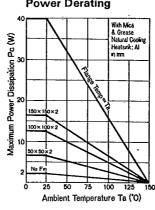
Typical Switching Characteristics (Emitter Common)

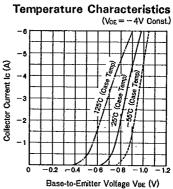
Vcc	RL	lc	V _{B2}	I _{B1}	l _{B2}	tr	tstg	t _f
(V)	(Ω)	(A)	(V)	(mA)	(mA)	(μs)	(μs)	(μs)
-9	3	-3	5	-400	400	0.9typ	1.0typ	

Common Emitter Characteristics

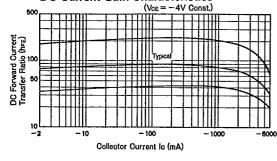


Power Derating

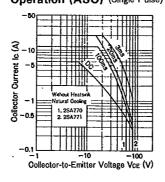




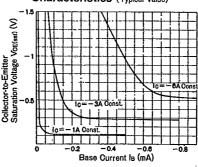
DC Current Gain Characteristics



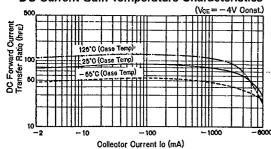
Maximum Areas For Safe Operation (ASO) (Single Pulse)



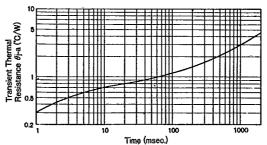
Collector-to-Emitter Saturation Characteristics (Typical Value)



DC Current Gain Temperature Characteristics



Transient Thermal Resistance Characteristics

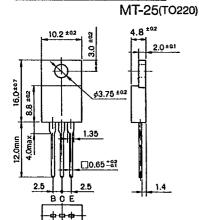


Outline Drawings/Accessories

Outline Drawing

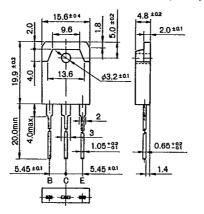
● Flammability: UL94V-O or equivalent ● Unit: in mm

Outline Drawings 1



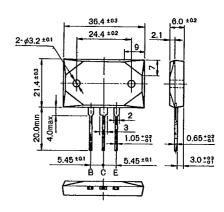
Weight: Approx. 2.6 g

Outline Drawings 2 MT-100(TO3P)



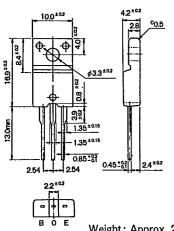
Weight: Approx. 6.0 g

Outline Drawings 3 MT-200



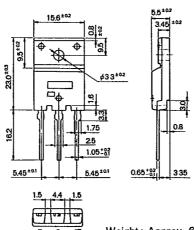
Weight: Approx. 18.4 g

Outline Drawings 4 FM20



Weight: Approx. 2.0 g

Outline Drawings 5 FM100



Weight: Approx. 6.5 g

Accessories

☆Sanken Transistors do not include accessories. Accessories may be attached at a cost if requested.

