



2SA1492

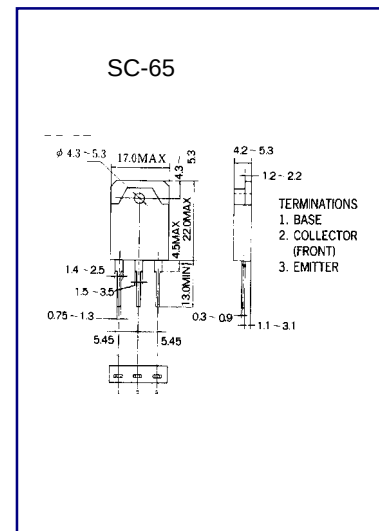
PNP PLANAR SILICON TRANSISTOR

AUDIO POWER AMPLIFIER
DC TO DC CONVERTER

- High Current Capability
- High Power Dissipation
- Complementary to 2SC3856

ABSOLUTE MAXIMUM RATING (Ta=25°C)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	VCBO	-180	V
Collector-Emitter Voltage	VCEO	-180	V
Emitter-Base voltage	VEBO	-6	V
Collector Current (DC)	IC	-15	A
Collector Dissipation	PC	130	W
Junction Temperature	Tj	150	°C
Storage Temperature	Tstg	-55~150	°C



ELECTRICAL CHARACTERISTICS (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector Base Breakdown Voltage	BVCBO	IC=-5 mA IE=0	-180			V
Collector Emitter Breakdown Voltage	BVCEO	IC=-10 mA	-180			V
Emitter Base Breakdown Voltage	BVEBO	RBE=∞	-6			V
Collector Cutoff Current	ICBO	IE=-4mA IC=0			0.1	mA
Emitter Cutoff Current	IEBO	VCB=-90V IE=0			0.1	mA
*DC Current Gain	hFE1	VEB=-4V IC=0	55		160	
DC Current Gain	hFE2	VCE=-5V IC=-1A	50			
Collector- Emitter Saturation Voltage	VCE(sat)	VCE=-5V IC=-3A			-2.0	V
		IC=-5A IB=-0.5A				V