



2SA1302

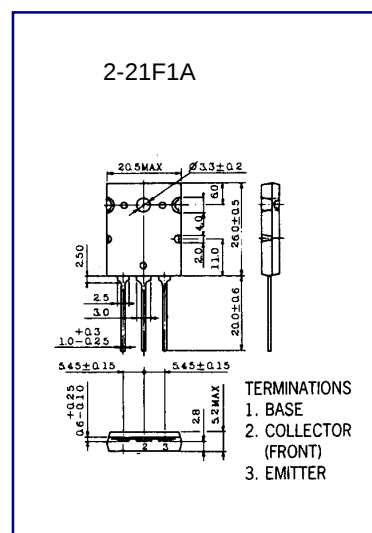
PNP PLANAR SILICON TRANSISTOR

AUDIO POWER AMPLIFIER
DC TO DC CONVERTER

- High Current Capability
- High Power Dissipation
- Complementary to 2SC3281

ABSOLUTE MAXIMUM RATING ($T_a=25^{\circ}\text{C}$)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	VCBO	-200	V
Collector-Emitter Voltage	VCEO	-200	V
Emitter-Base voltage	VEBO	-6	V
Collector Current (DC)	IC	-15	A
Collector Dissipation	PC	150	W
Junction Temperature	Tj	150	$^{\circ}\text{C}$
Storage Temperature	Tstg	-55~150	$^{\circ}\text{C}$



ELECTRICAL CHARACTERISTICS ($T_a=25^{\circ}\text{C}$)

Characterristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector Base Breakdown Voltage	BVCBO	IC=-10 mA IE=0	-200			V
Collector Emitter Breakdown Voltage	BVCEO	IC=-5 mA RBE= ∞	-200			V
Emitter Base Breakdown Voltage	BVEBO	IE=-4mA IC=0	-6			V
Collector Cutoff Current	ICBO	VCB=-100V IE=0			-0.1	mA
Emitter Cutoff Current	IEBO	VEB=-4V IC=0			-0.1	mA
*DC Current Gain	hFE1	VCE=-5V IC=-1A	55		160	
DC Current Gain	hFE2	VCE=-5V IC=-5A	50			
Collector- Emitter Saturation Voltage	VCE(sat)	IC=-10A IB=-1A			-3.0	V