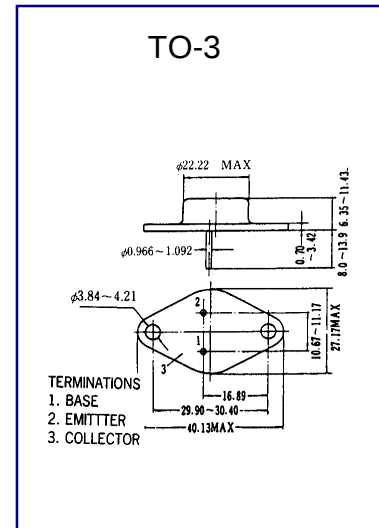




MJ11013

PNP SILICON DARLINGTON TRANSISTOR

**SWITCHING REGULATORS PWM INVERTERS
SOLENOID AND RELAY DRIVERS**



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

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	VCBO	-90	V
Collector-Emitter Voltage	VCEO	-90	V
Collector Current (DC)	IC	-30	A
Collector Dissipation ($T_c=25^{\circ}\text{C}$)	PC	200	W
Junction Temperature	T_j	200	$^{\circ}\text{C}$
Storage Temperature	T_{stg}	-50~150	$^{\circ}\text{C}$

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

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector Cutoff Current	ICBO	VCB= -90V, IE=0			-10	μA
Collector Cutoff Current	ICEO	VCB= -90V, IB=0			-10	μA
DC Current Gain	hFE	VCE= -5V, IC=-20A	1K			
Collector- Emitter Saturation Voltage	VCE(sat)	IC=-10A, IB=-1A			-1.5	V