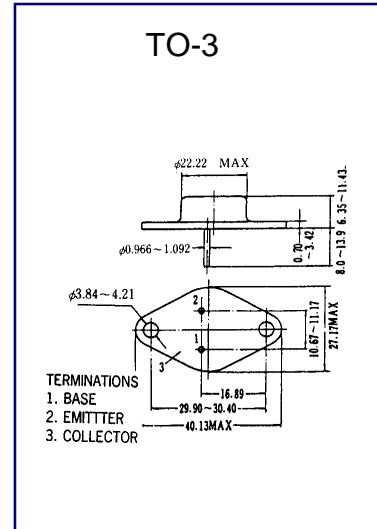




MJ11013

PNP SILICON DARLINGTON TRANSISTOR

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



ABSOLUTE MAXIMUM RATINGS (Ta=25°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 (Tc=25°C)	PC	200	W
Junction Temperature	Tj	200	°C
Storage Temperature	Tstg	-50~150	°C

ELECTRICAL CHARACTERISTICS (Ta=25°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