



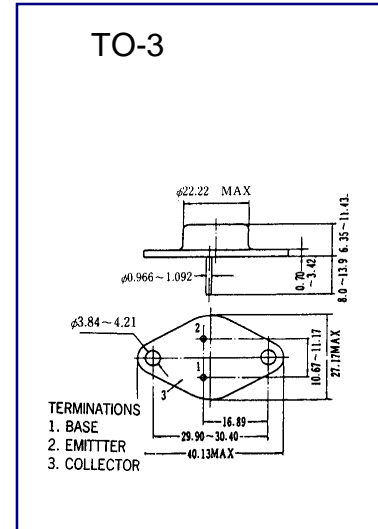
MJ11032

NPN 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	120	V
Collector-Emitter Voltage	VCEO	120	V
Collector Current (DC)	IC	50	A
Collector Dissipation (Tc=25°C)	PC	300	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= -120V , IE=0			10	μA
Collector Cutoff Current	ICEO	VCB=-120V , IB=0			10	μA
DC Current Gain	hFE	VCE=-5V , IC=-25A	1K			
Collector- Emitter Saturation Voltage	VCE(sat)	IC=-20A, IB=-0.05A			-1.5	V