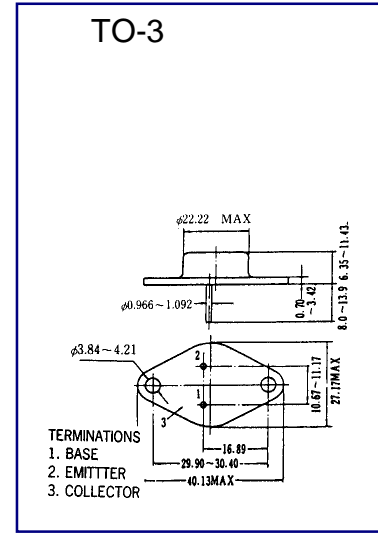




**MJ11015**

**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	-120	V
Collector-Emitter Voltage	VCEO	-120	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= -120V , IE=0			-10	$\mu\text{A}$
Collector Cutoff Current	ICEO	VCB=-120V , IB=0			-10	$\mu\text{A}$
DC Current Gain	hFE	VCE=-5V , IC=-20A	1K			
Collector- Emitter Saturation Voltage	VCE(sat)	IC=-10A , IB=-1A			-1.5	V