



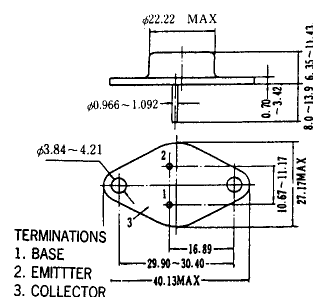
MJ11015

PNP SILICON DARLINGTON TRANSISTOR

SWITCHING REGULATORS PWM INVERTERS

SOLENOID AND RELAY DRIVERS

TO-3



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	μA
Collector Cutoff Current	ICEO	VCB=-120V , 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