



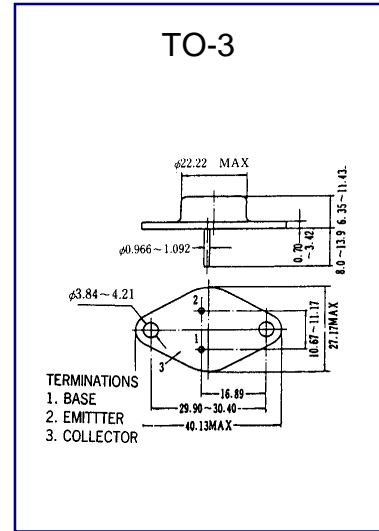
MJ11011

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 | -60 | V |
| Collector-Emitter Voltage | VCEO | -60 | 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= -60V , IE=0 | | | -10 | μA |
| Collector Cutoff Current | ICEO | VCB=-60V , IB=0 | | | -10 | μA |
| DC Current Gain | hFE | VCE=-5V , IC=-20A | 1K | | | |
| Collector- Emitter Saturation Voltage | VCE(sat) | IC=-10A, IB=-0.05A | | | -1.5 | V |