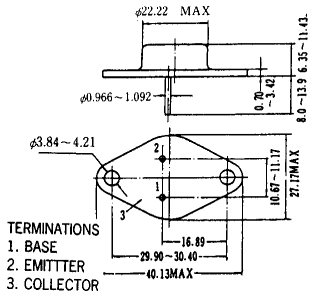
MJ10006 NPN SILICON TRANSISTOR

SWITCHING REGULATORS PWM INVERTERS
SOLENOID AND RELAY DRIVERS

TO-3



ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	VCBO	450	V
Collector-Emitter Voltage	VCEO	350	V
Collector Current (DC)	IC	10	A
Collector Dissipation (Tc=25℃)	PC	150	W
Junction Temperature	Tj	200	℃
Storage Temperature	Tstg	-50~150	℃

ELECTRICAL CHARACTERISTICS (Ta=25℃)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector Cutoff Current	ICBO	VCB= 450V , IE=0			10	μA
Collector Cutoff Current	ICEO	VCB= 350V , IB=0			10	μA
DC Current Gain	hFE	VCE= 5V , IC=5A	30			
Collector- Emitter Saturation Voltage	VCE(sat)	IC=4A , IB=0.4A			2.0	V

Wing Shing Computer Components Co., (H.K.)Ltd. Tel:(852)2341 9276 Fax:(852)2797 8153
Homepage: http://www.wingshing.com E-mail: wsccltd@hkstar.com