



IGBT Modules

V_{CES}	1200V
I_C	75A

Applications

Motor Drivers
AC and DC Servo Drive Amplifier
UPS (Uninterruptible Power Supplies)

Features

Low switching losses
Low $V_{CE(sat)}$ with positive temperature coefficient
Including fast & soft recovery anti-parallel FWD
Low inductance case
High short circuit capability(8us)
Maximum junction temperature 175

IGBT- inverter





Diode-inverter
Absolute Maximum Ratings

Parameter



IGBT-brake-chopper

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
Collector-Emitter Voltage	V_{CES}	$V_{GE}=0V, I_C=1mA, T_{vj}=25$	1200	V
Continuous Collector Current	I_C	$T_C=100 \quad T_{vjmax} \quad 175$	50	A
Repetitive Peak Collector Current	I_{CRM}			



Diode-rectifier

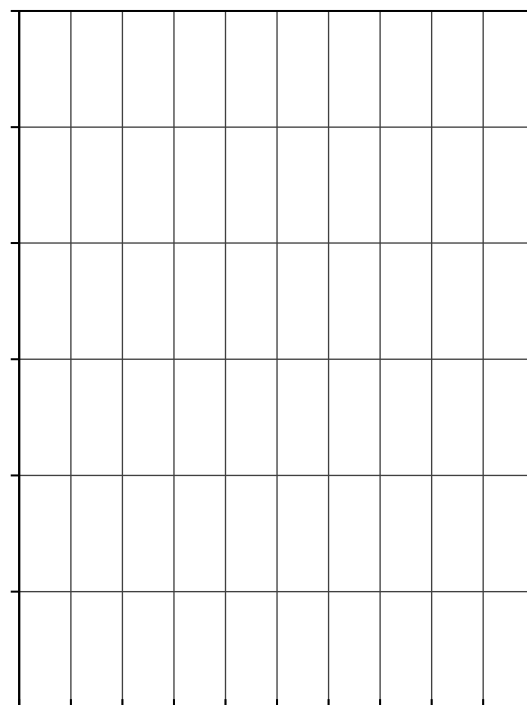
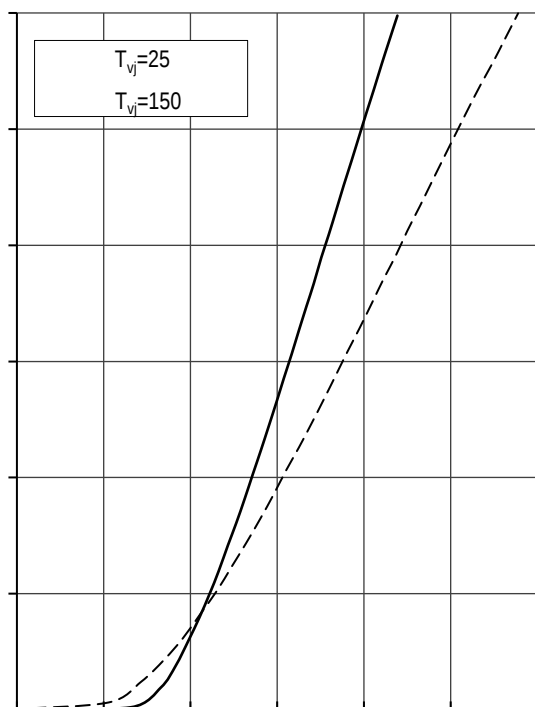


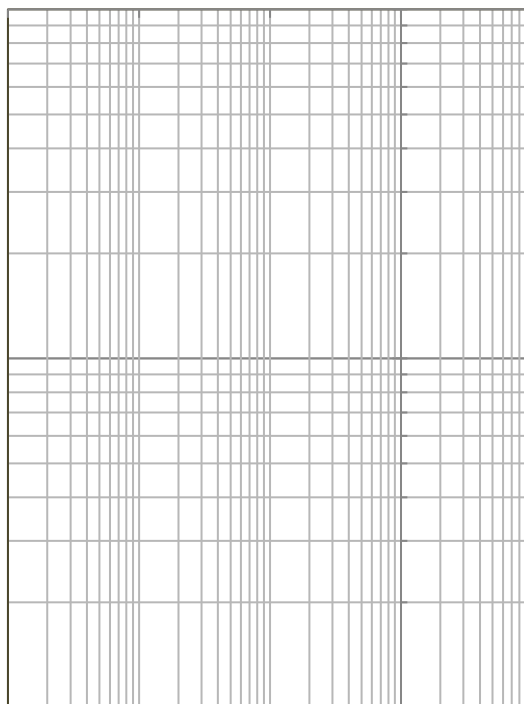
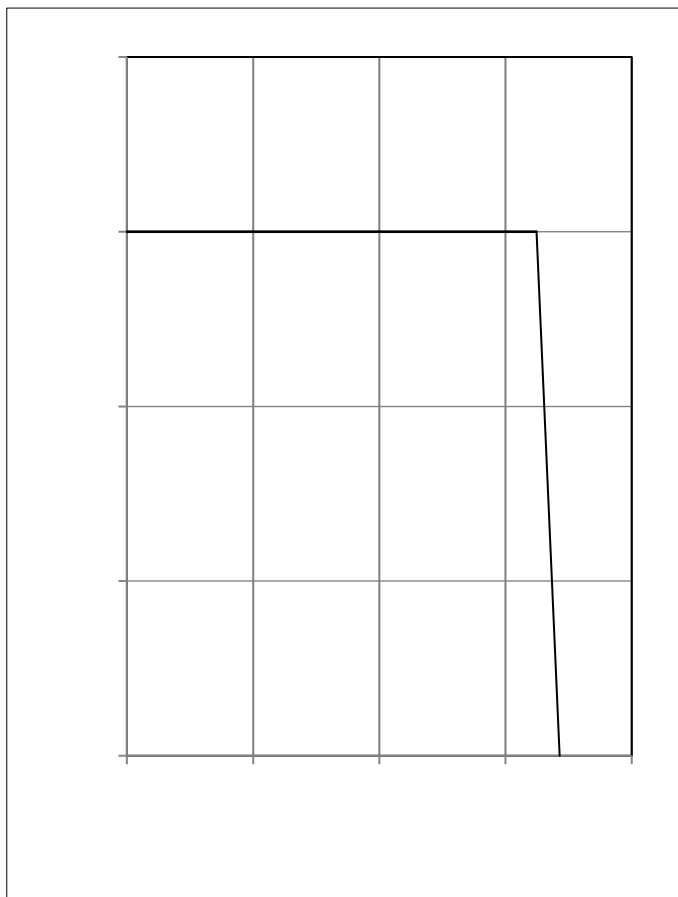
Module Characteristics

T_C=25° C unless otherwise specified

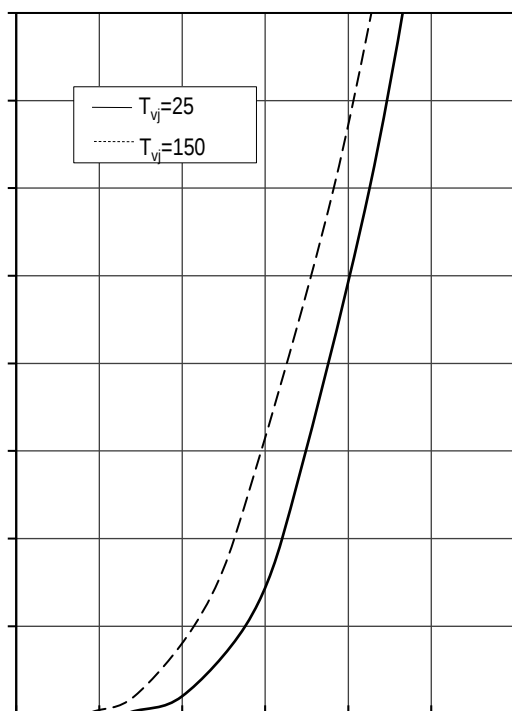
Parameter

Symbol











15.	16.9	
18.8		
30.2	28.3	
34	32.1	
45.5	43.6	
49.3	47.4	
60.7	58.8	
64.5	62.6	
68.3	66.4	
79.8		
83.6		
		93.1
		96.9

