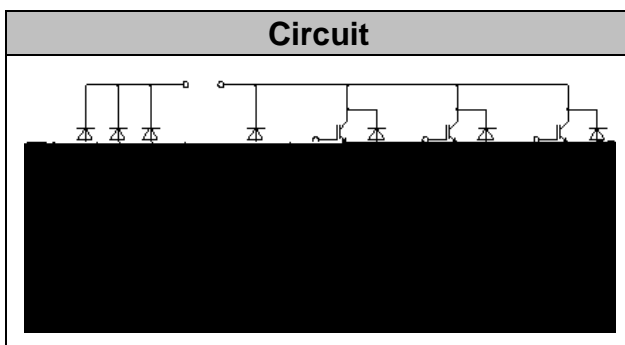


IGBT Modules

VCES

IC

Applications



Features

-
-
-
-
-
-
-

IGBT- inverter

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit



Diode-inverter Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	



MG10P12P2

RoHS
COMPLIANT

IGBT-brake-chopper
Absolute Maximum

Parameter	Symbol	Conditions	Value	Unit

Characteristic value

Symbol



Diode-Brake-Chopper

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	



Diode-Rectifier Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	

NTC-Thermistor Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	



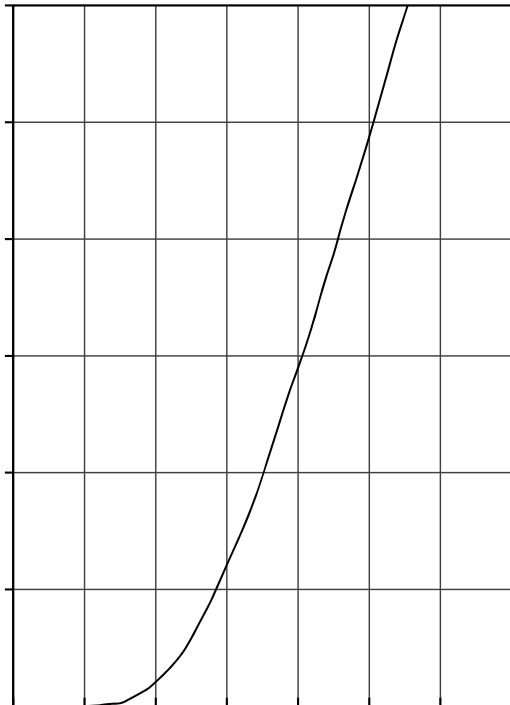
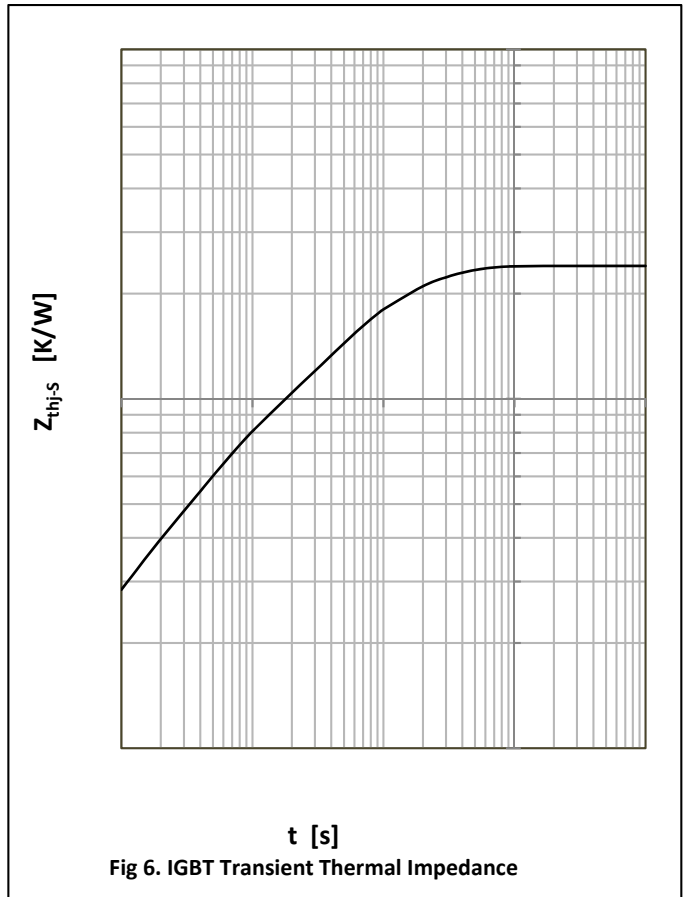
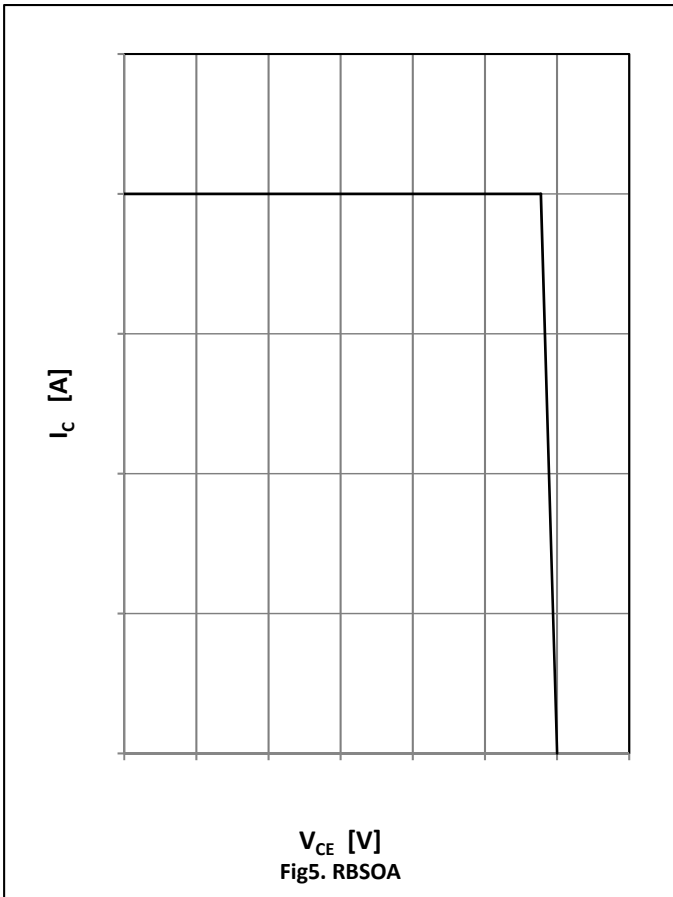
MG10P12P2

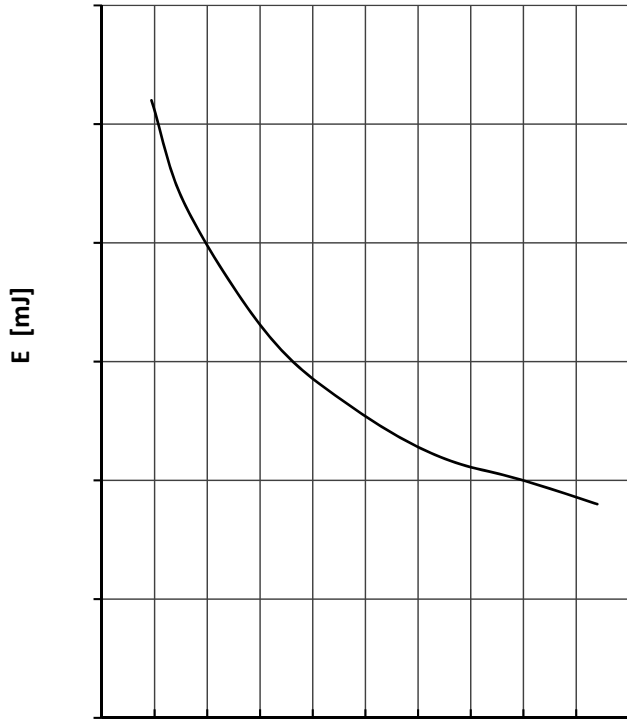
RoHS
COMPLIANT

Module Characteristics ()

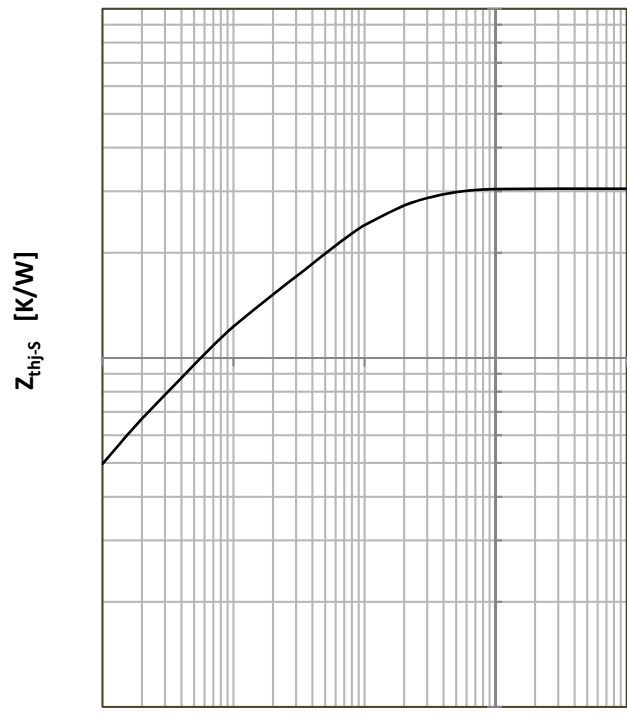
Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	

W

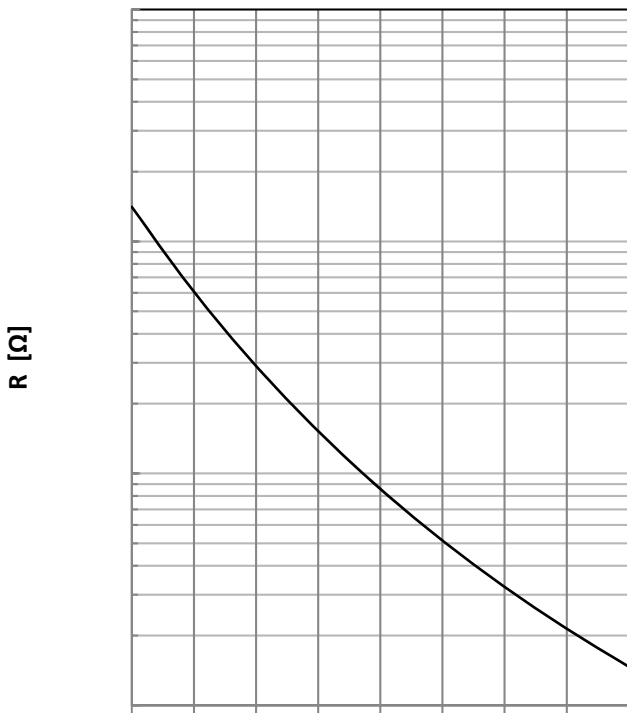




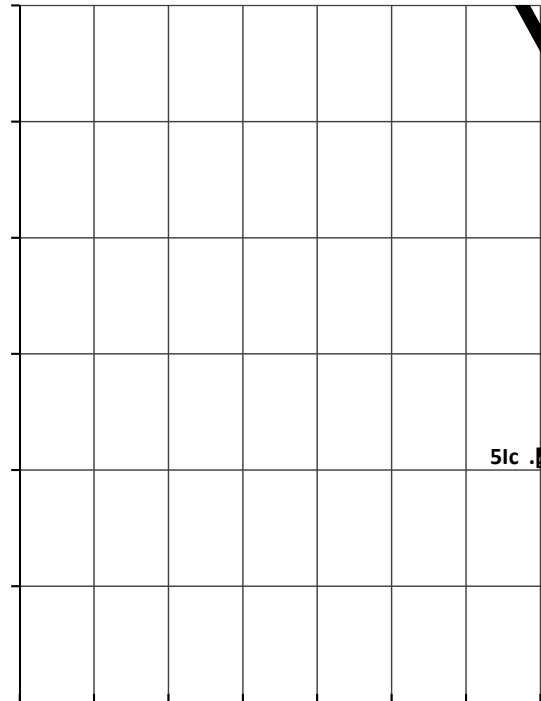
R_G [ohm]
Fig9. Diode Switching Loss(Erec) vs. Rg



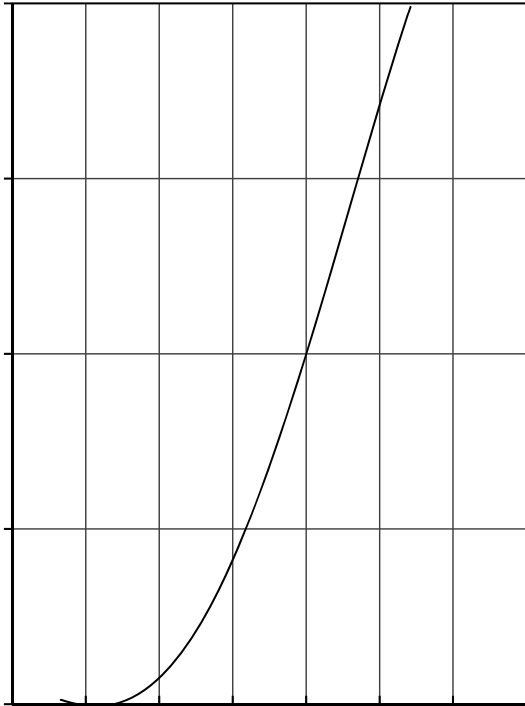
t [s]
Fig 10. Diode Transient Thermal Impedance



T_c [°]
Fig 11. NTC Temperature Characteristic



5lc .E

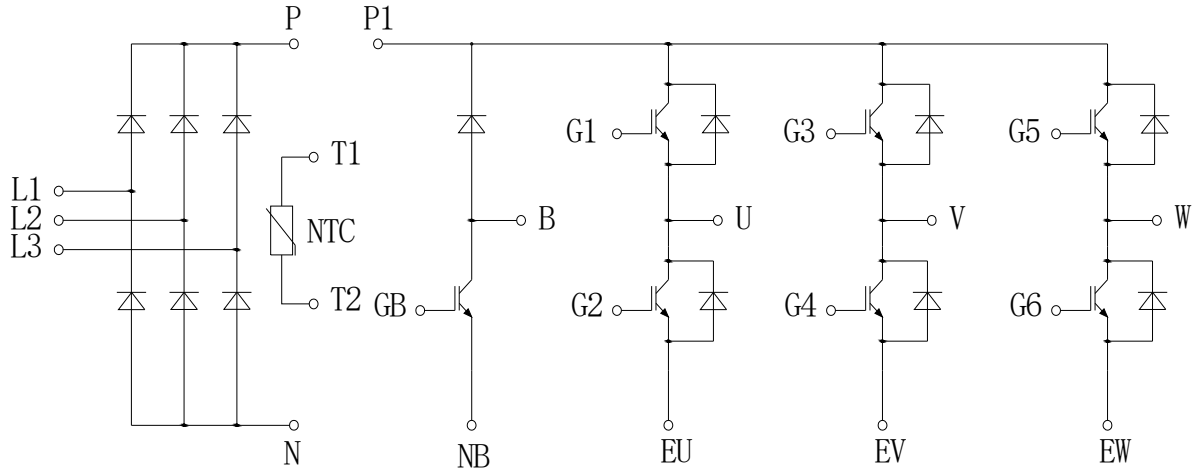




MG10P12P2

RoHS
COMPLIANT

Circuit Diagram



Package Dimensions

