

JMG50PM12P2S1

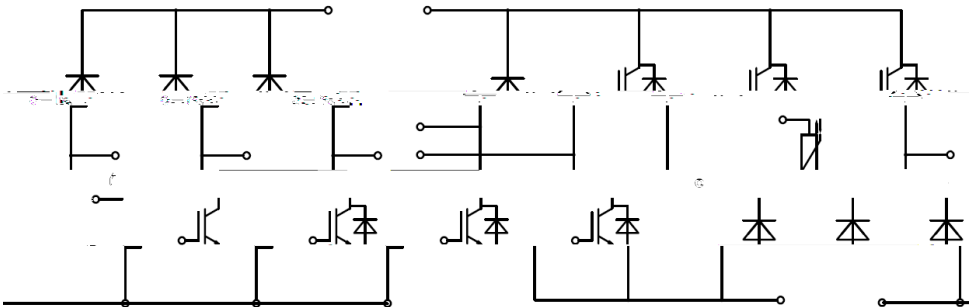
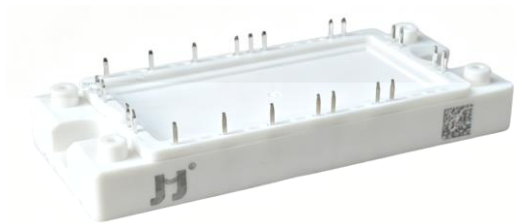
Trench FS IGBT

Features

Product Summary

Parameter	Value	Unit

Applications



IGBT , Inverter Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit



IGBT, Inverter Electrical Characteristics

			Values			Unit
			Min.	Typ.	Max.	
[Redacted]	[Redacted]	[Redacted]				



FRED, Inverter Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit
	°C			

FRED, Inverter Electrical Characteristics

Parameter	Conditions		Symbol	Values			Unit
				Min.	Typ.	Max.	
	=						
	=						
							°C



Diode, Rectifier Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit

Diode, Rectifier Electrical Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
						°C

IGBT, Brake -Chopper Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit



IGBT, Brake -Chopper Electrical Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	



FRED, Brake -Chopper Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit
	°C			

FRED, Brake -Chopper Electrical Characteristics

Parameter	Conditions		Symbol	Values			Unit
				Min.	Typ.	Max.	
	=						
	=						
							°C



NTC-Thermistor Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
	°C					
		Δ				

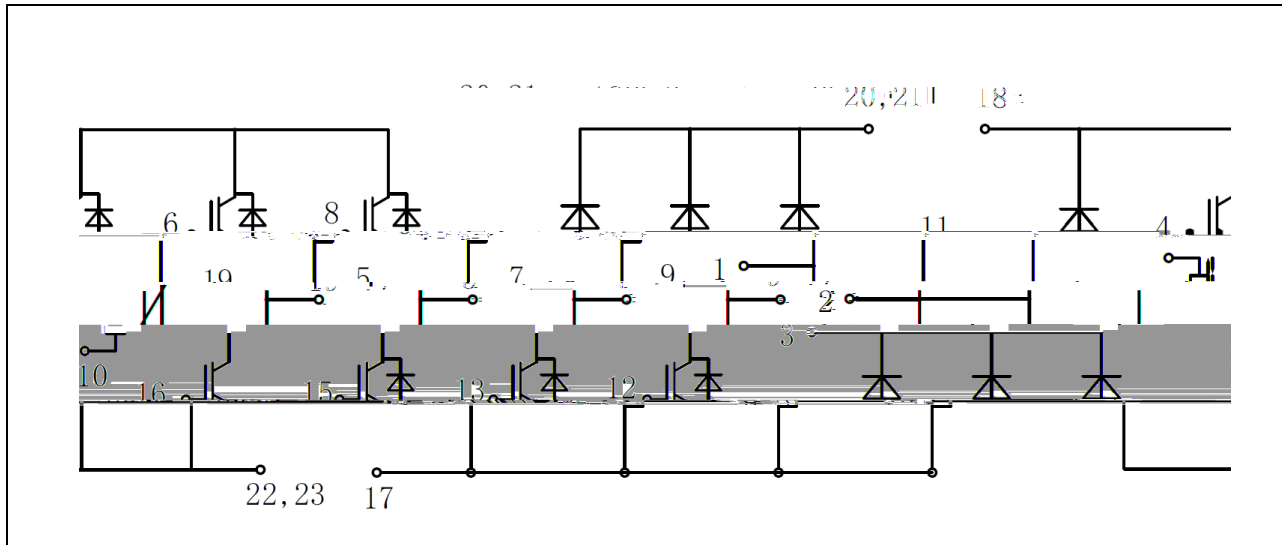
Module Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	

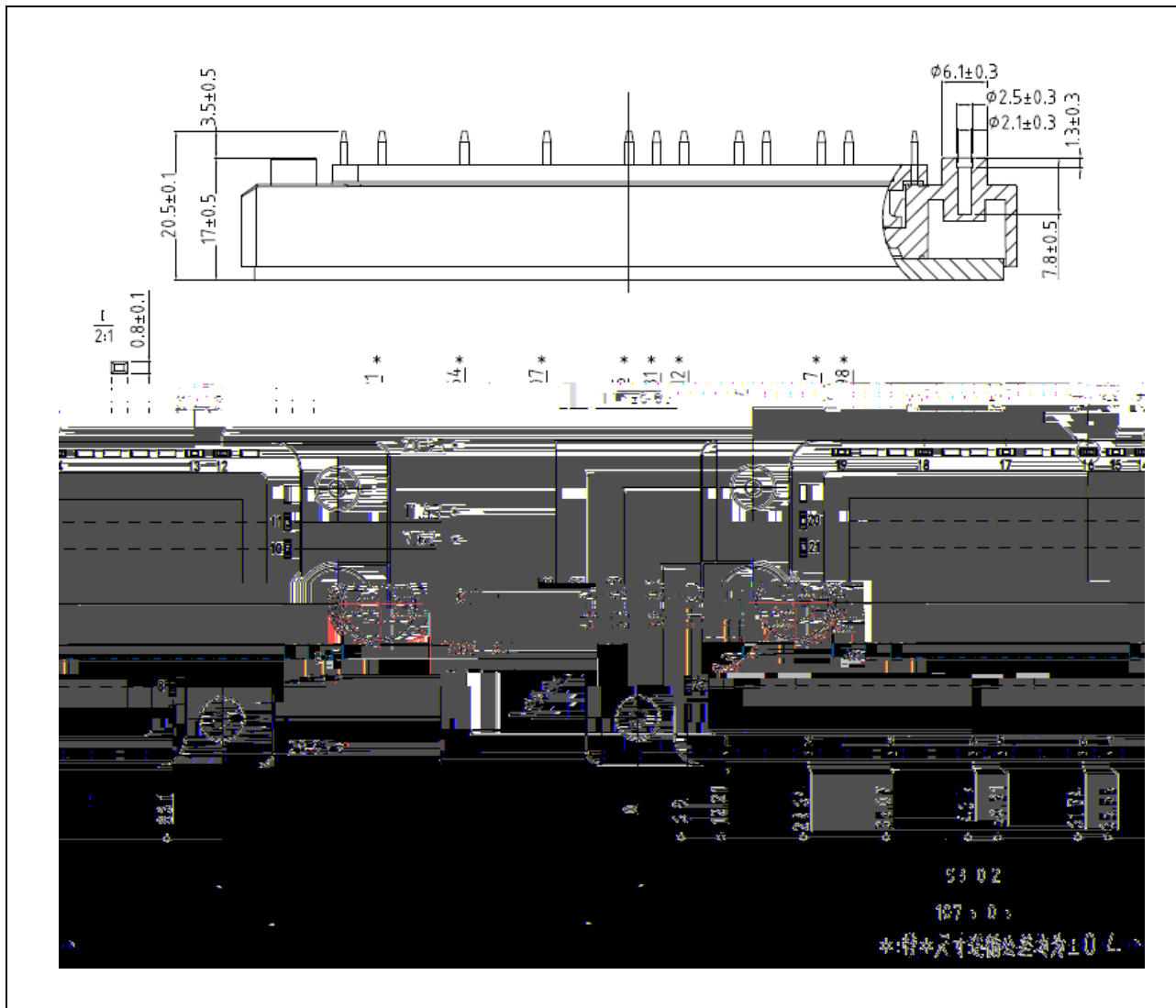
Ordering Information

Device	Marking	Package	Weight	Inner Box	Per Carton

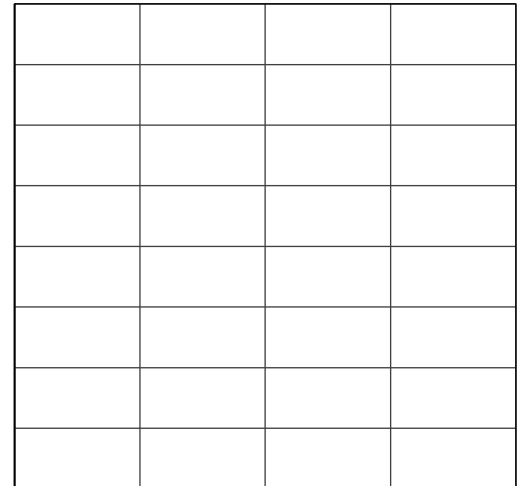
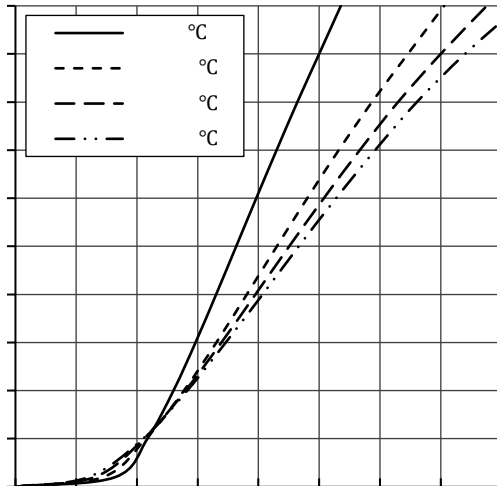
Circuit Diagram

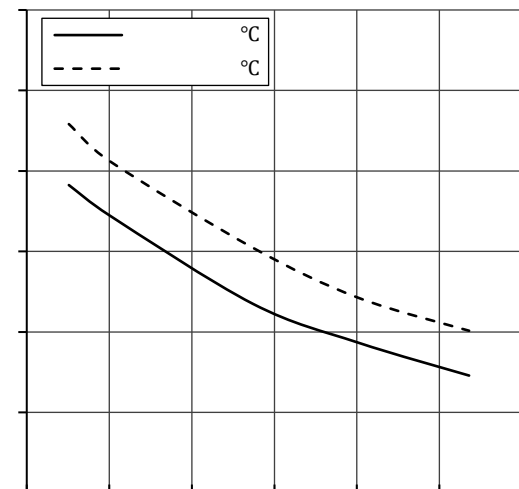
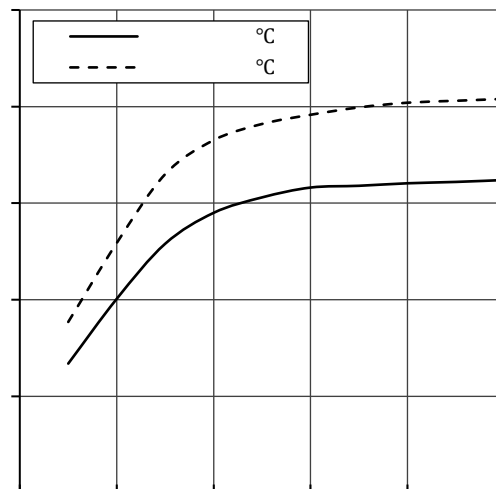
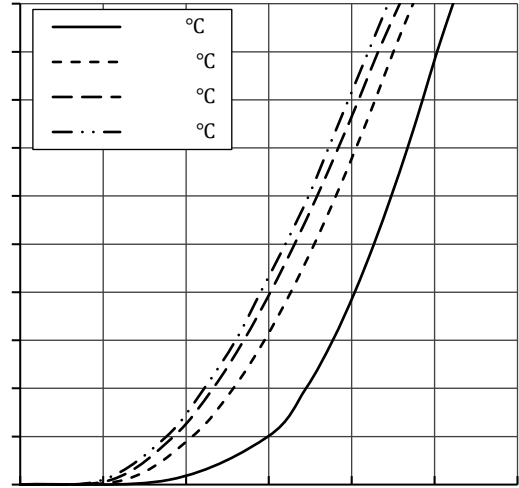
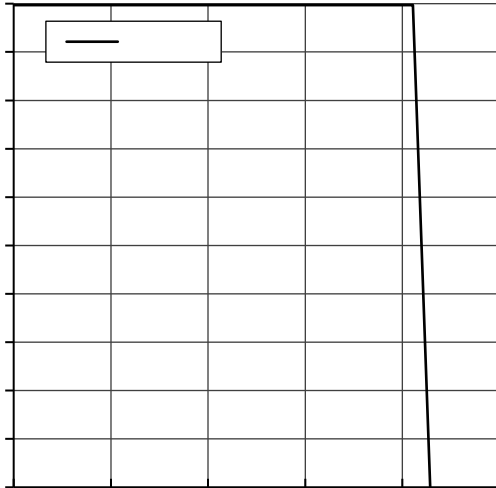


Package Outlines (mm)



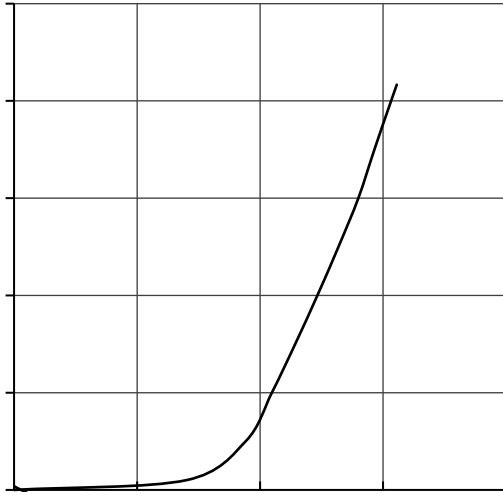
Typical Electrical & Thermal Characteristics







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