JMG15PM12E1S1

Features

Product Summary

Applications

IGBT, Inverter Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit

IGBT, Inverter Electrical Characteristics

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

FRED, Inverter Absolute Maximum Ratings

Diode, Rectifier Absolute Maximum Ratings

IGBT, Brake-Chopper Electrical Characteristics

Parameter	Conditions		Symbol	Values			Unit
				Min.	Typ.	Max.	

FRED, Brake-Chopper Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit
	℃			

FRED, Brake-Chopper Electrical Characteristics

Parameter	Conditions		Symbol	Values			Unit
				Min.	Typ.	Max.	
	=						
	=						
							℃

NTC-Thermistor Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
	℃					
		△				

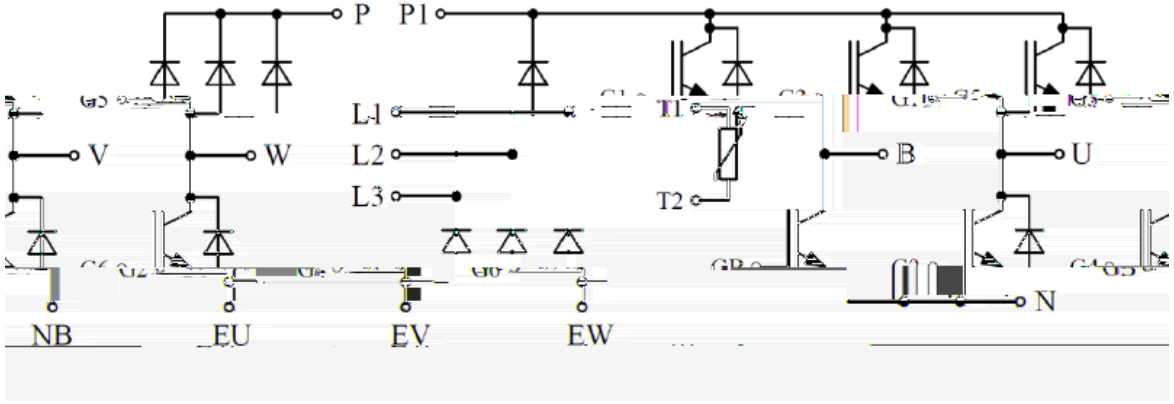
Module Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
						℃
						℃
						℃

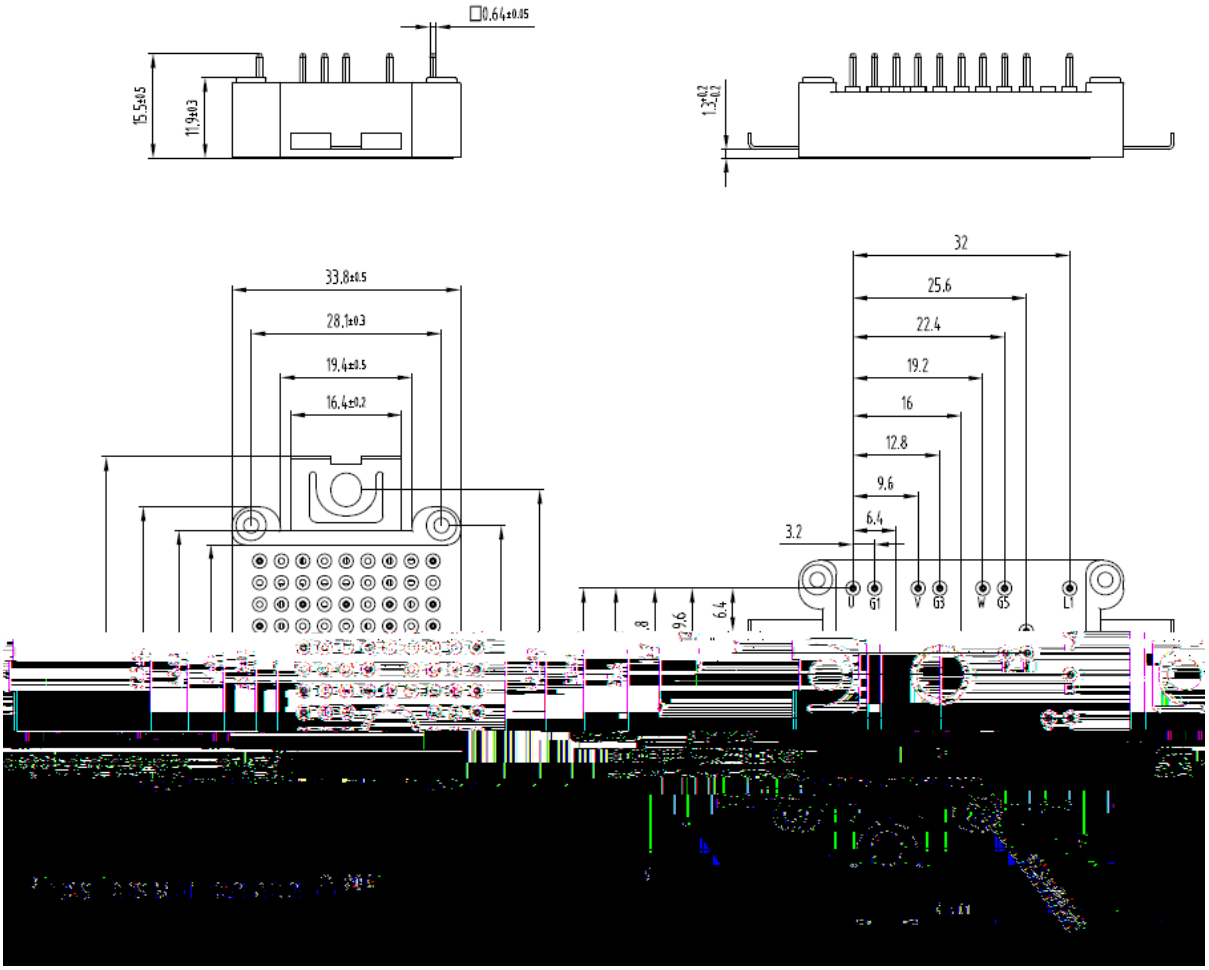
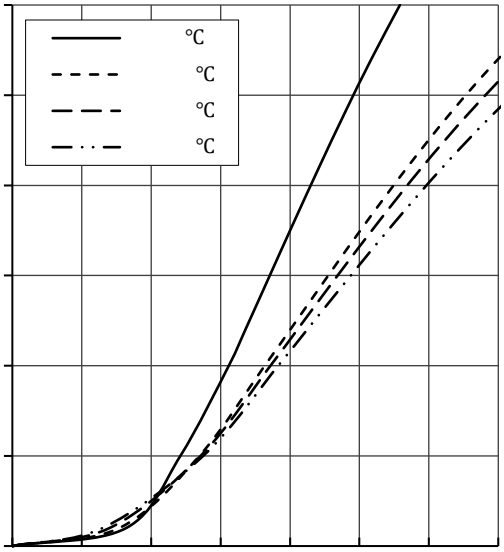
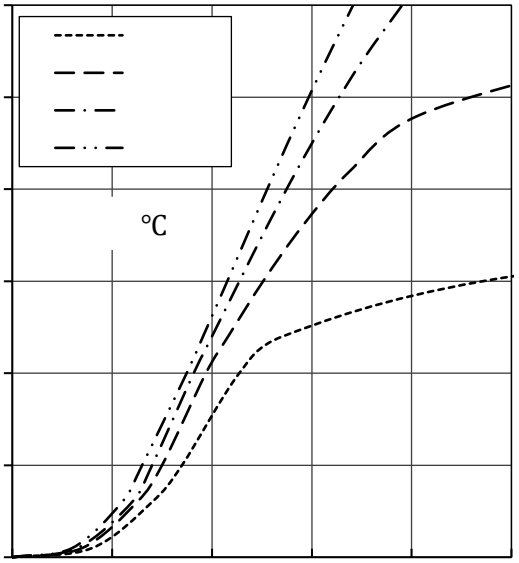
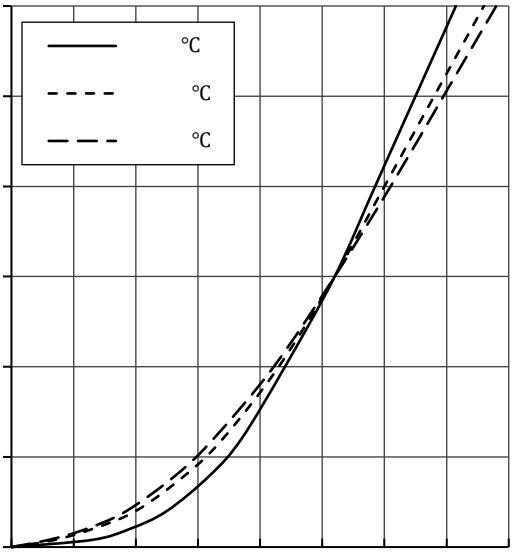
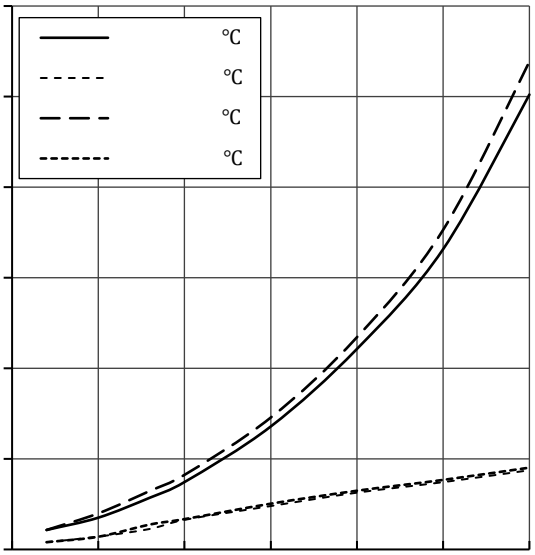
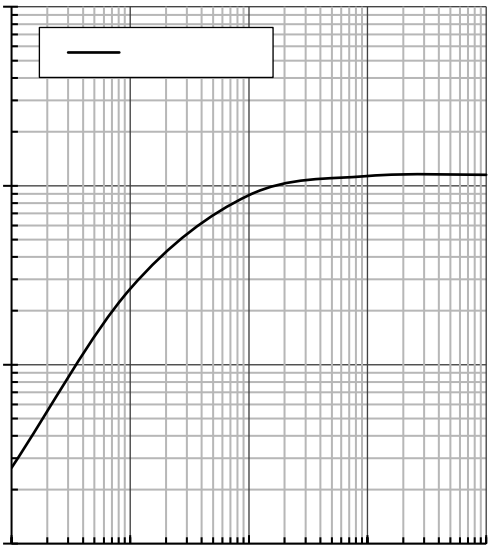
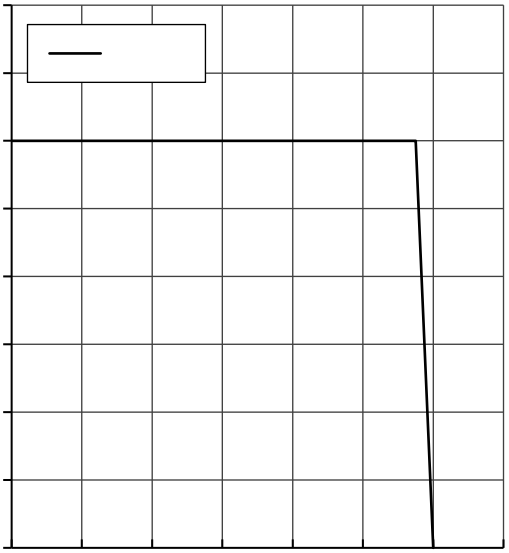
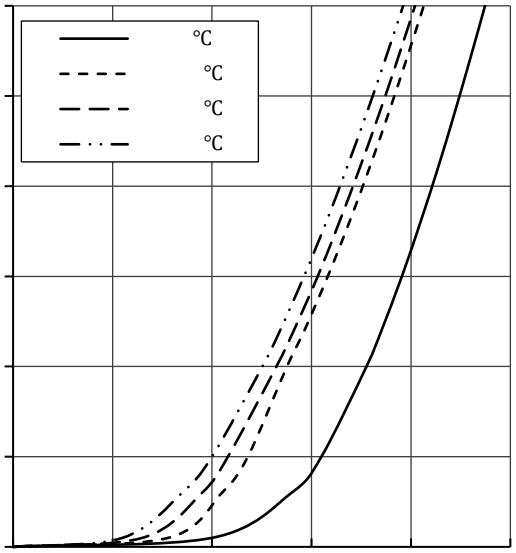
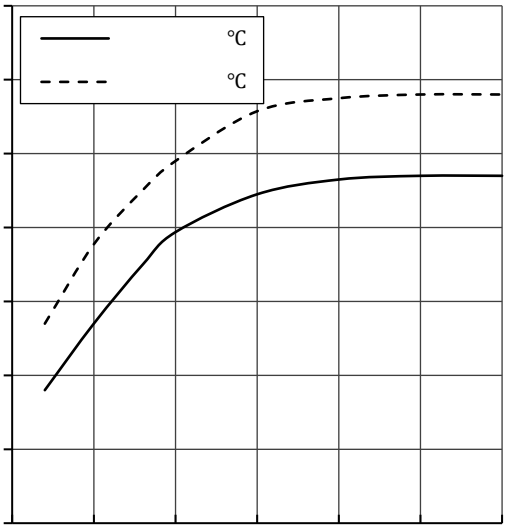
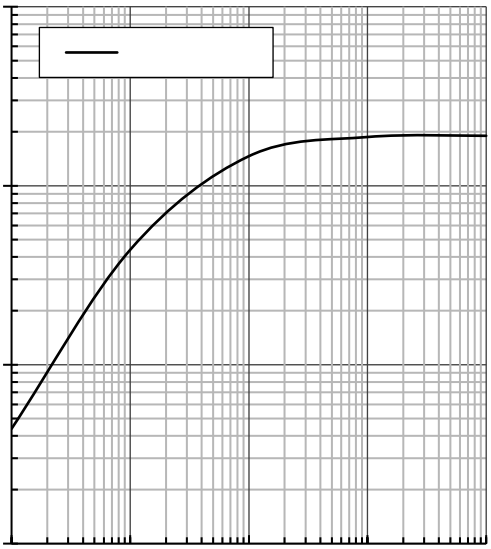
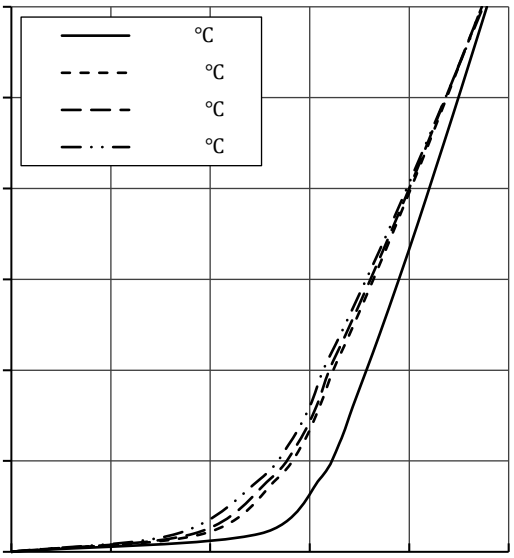
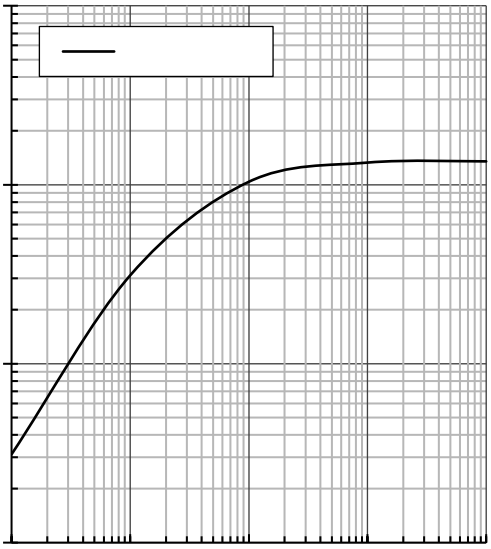
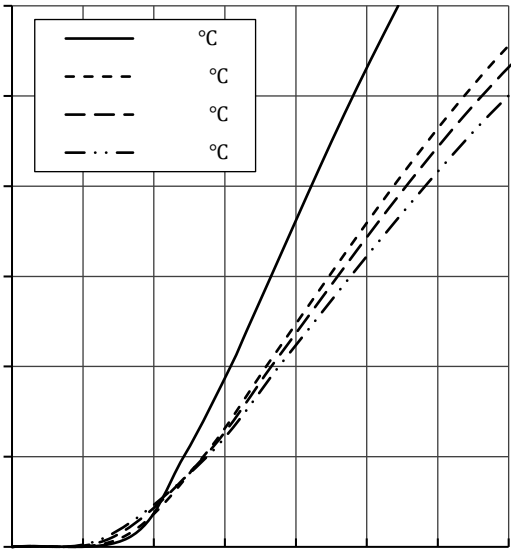
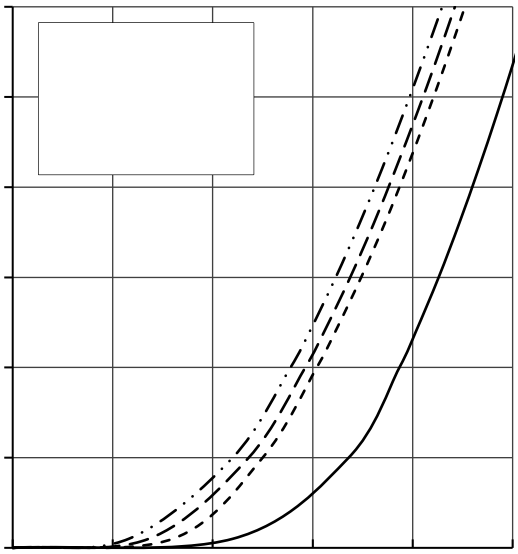
Ordering Information

Device	Marking	Package	Weight	Inner Box	Per Carton

Circuit Diagram



Package Outlines (mm)



Typical Electrical & Thermal Characteristics