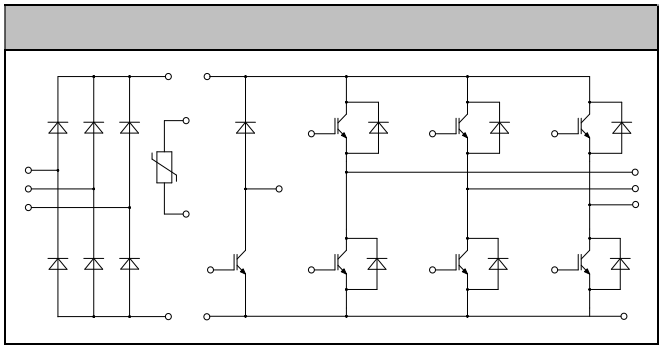

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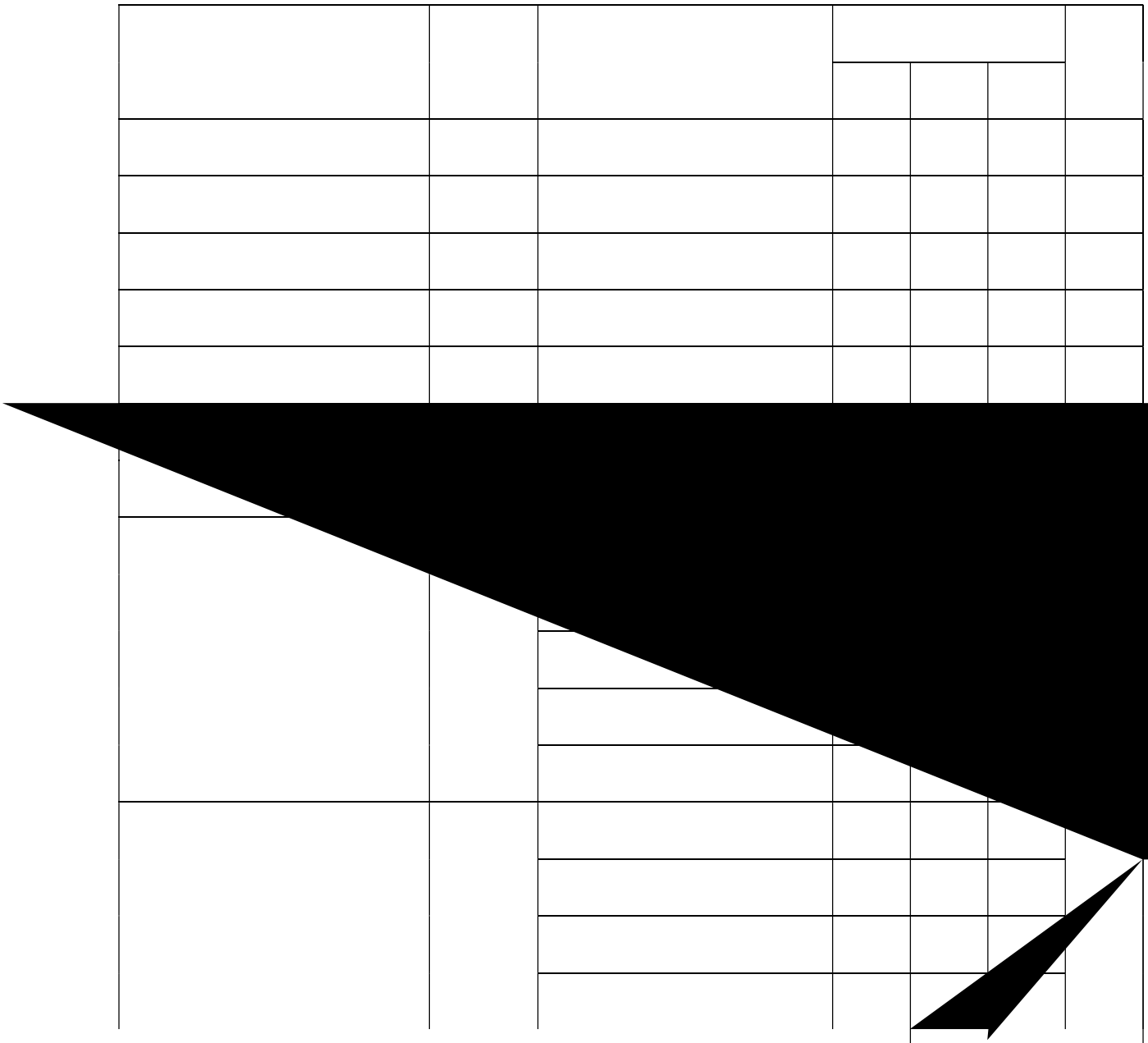
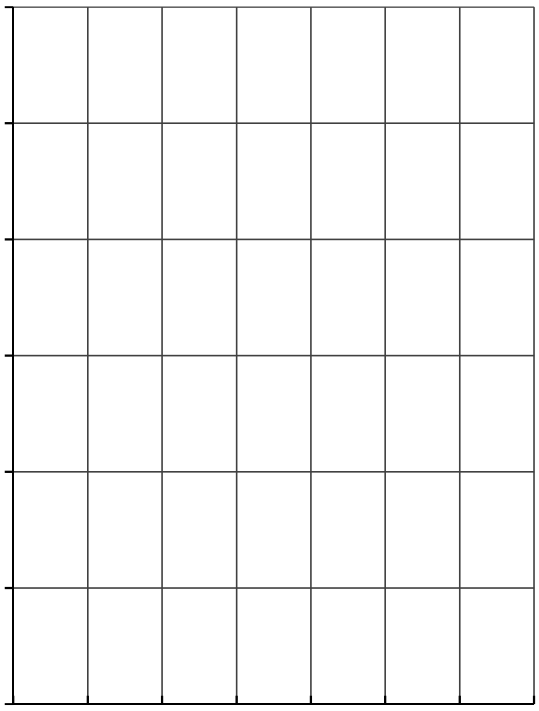
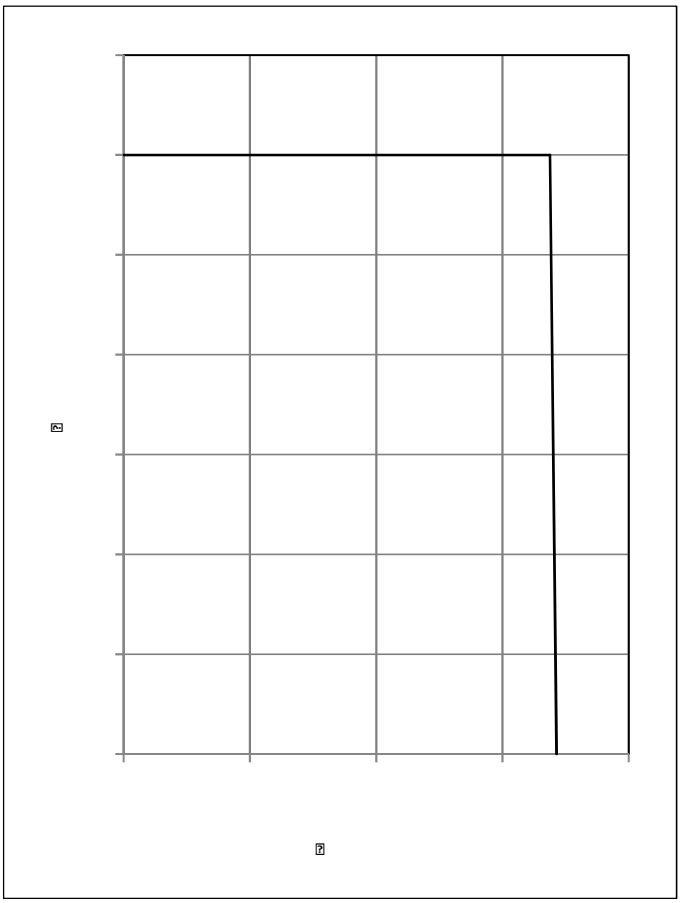
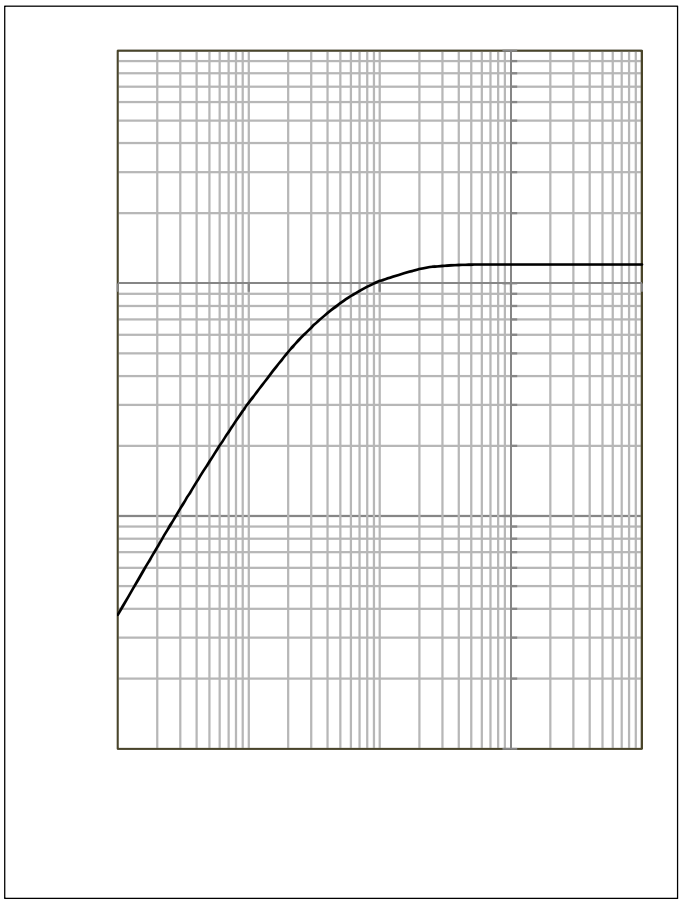
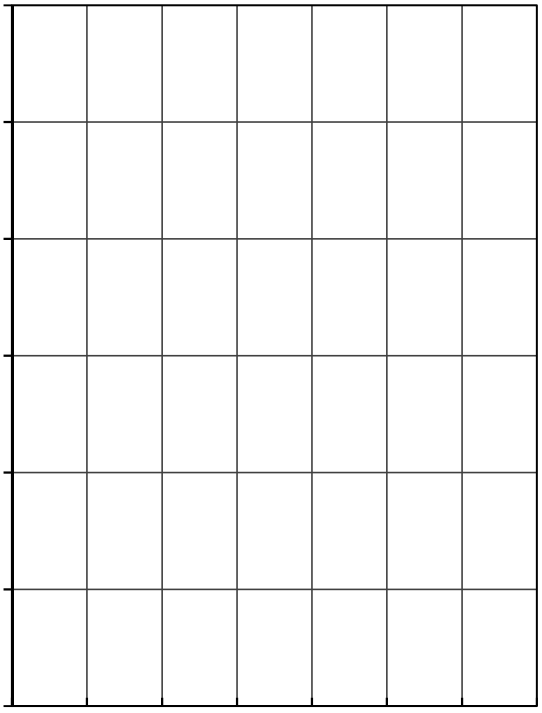
Gate-emitter Threshold Voltage	V	V =V I =0.5mA,T =25	5.2	6.0	6.8	V
Collector-Emitter Cut-off Current	I	V =1200V,V =0V, T =25			1.0	mA
Collector-Emitter Saturation Voltage	V	Ic=15A,V =15V, T =25		1.85	2.20	V
		Ic=15A,V =15V, T =125		2.15		
		Ic=15A,V =15V, T =150		2.25		
Gate Charge	Q			0.15		uC
Input Capacitance	C	V =25V, V =0V, f=1MHz, T =25		1.1		nF
Reverse Transfer Capacitance	C			0.04		nF
Gate-Emitter leakage current	I	V =0 V, V =20 V, T = 25			400	nA
Turn-on Delay Time	t	I =15A V = 600 V V = ±15V R =39Ω T =25		90		ns
Rise Time	t			64		ns
Turn-off Delay Time	t			180		ns
Fall Time	t			135		ns
Energy Dissipation During Turn-on Time	E			1.42		mJ
Energy Dissipation During Turn-off Time	E			0.78		mJ
Turn-on Delay Time	t	I =15A V = 600 V V = ±15V R =39Ω T =125		95		ns
Rise Time	t			70		ns
Turn-off Delay Time	t			260		ns
Fall Time	t			180		ns
Energy Dissipation During Turn-on Time	E			1.85		mJ
Energy Dissipation During Turn-off Time	E			1.13		mJ
SC Data	I	T ≤10us,V =15V,Tv=150 , V =900V,V ≤1200V		90		A

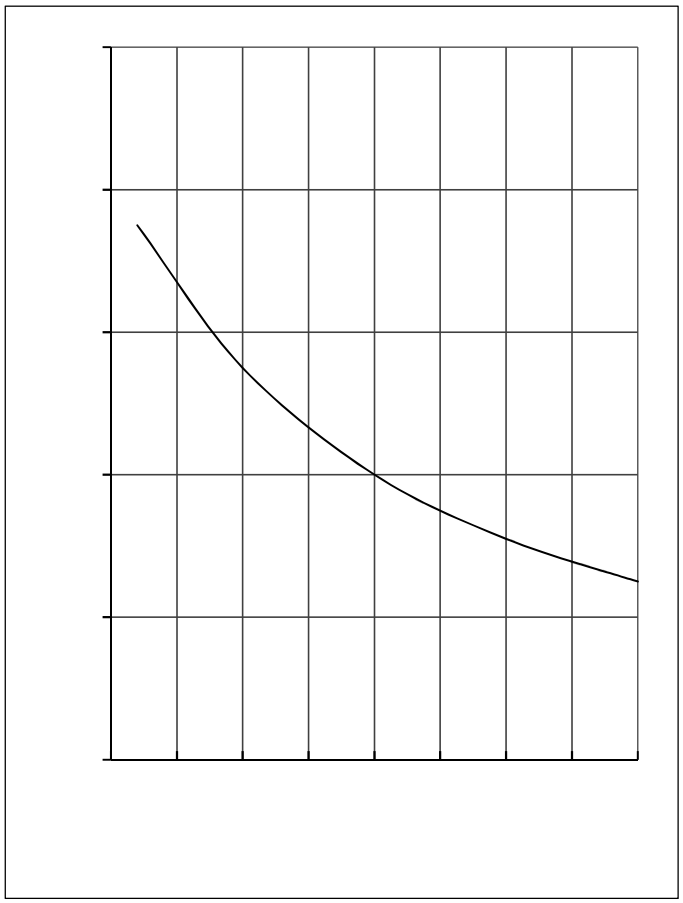


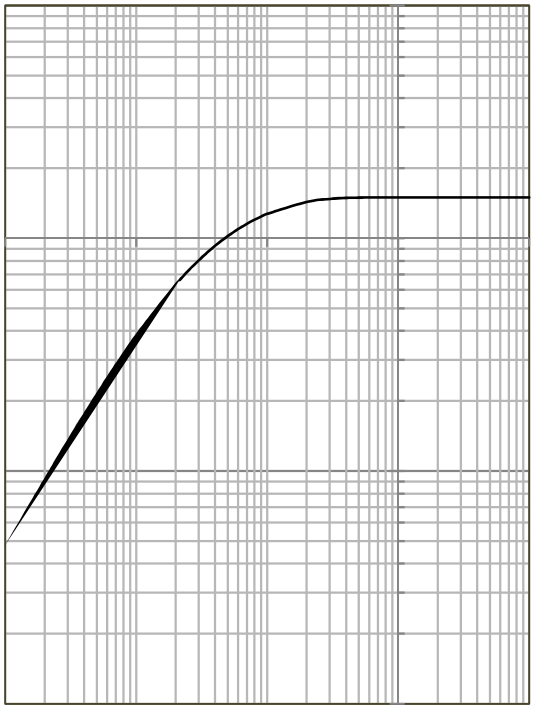


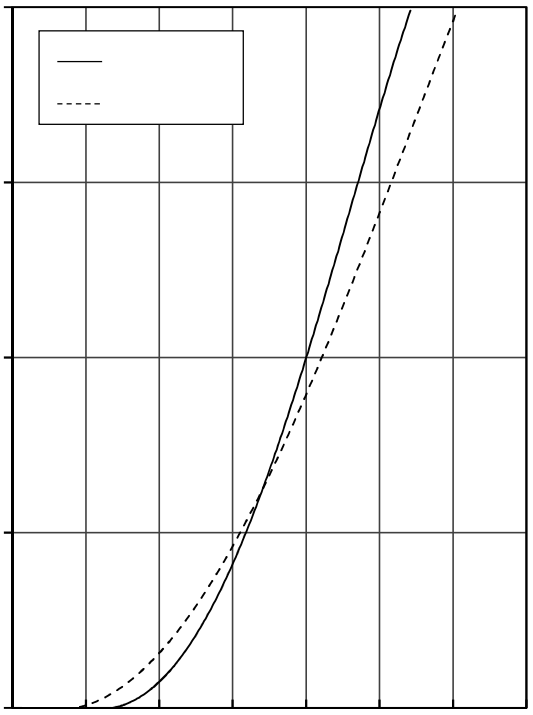


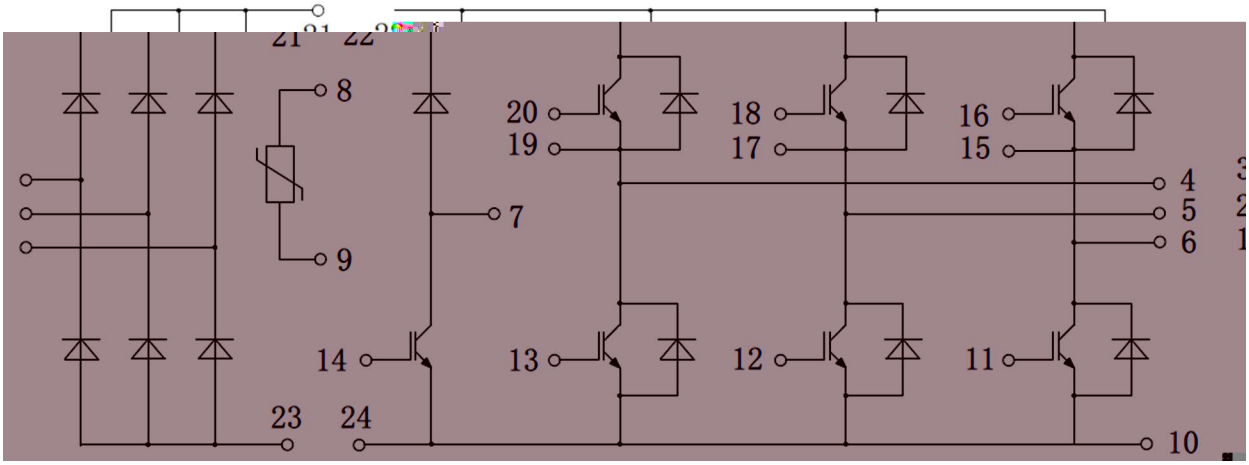












Dimensions in Millimeters