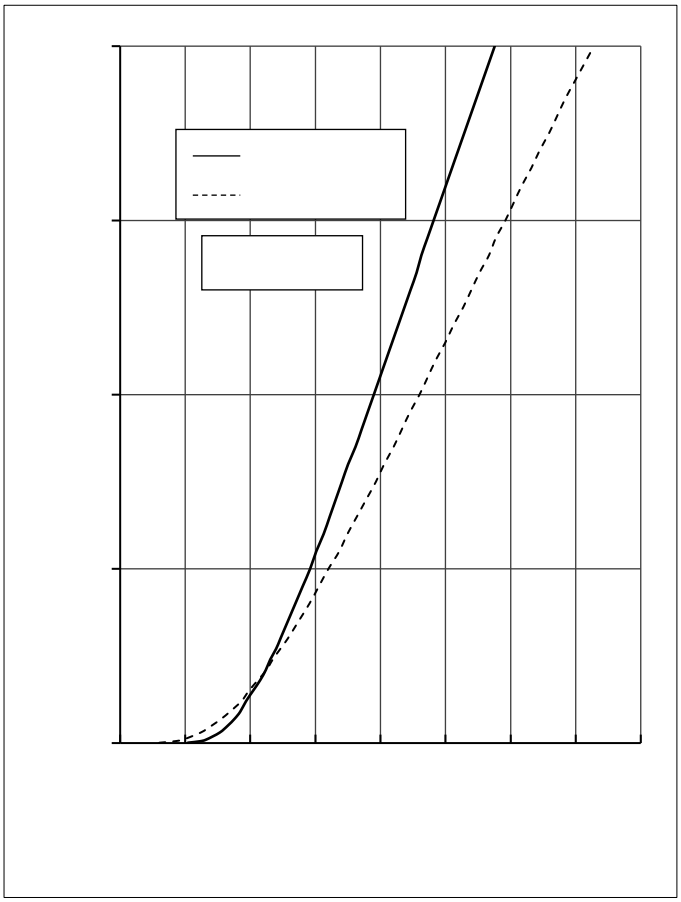
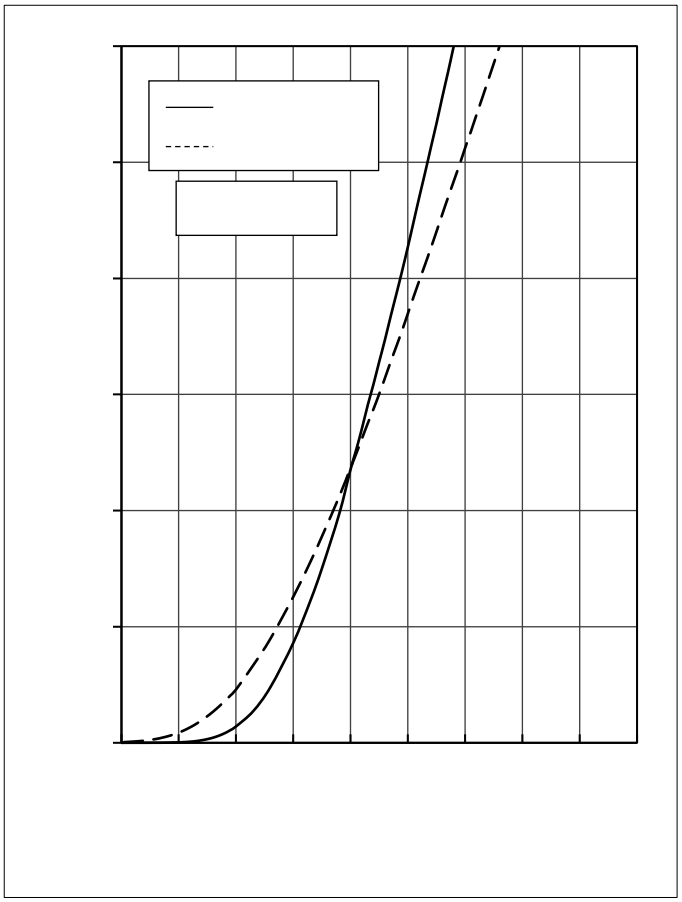
1200V
300A

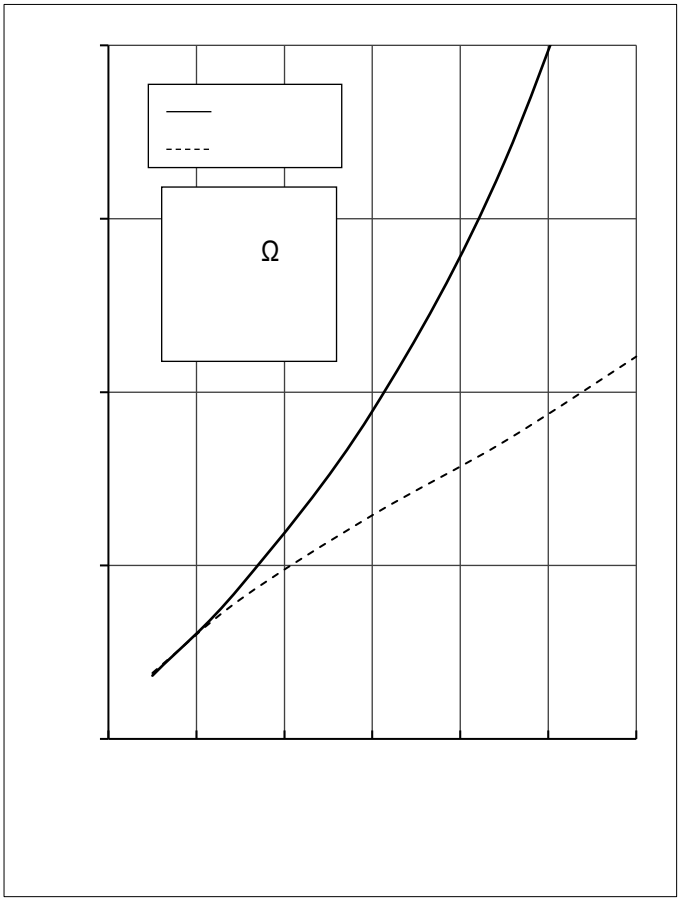
Motion/sevo control
High frequency switching application
UPS (Uninterruptible Power Supplies)
Welding machine

Low $V_{CE(sat)}$ with Trench technology
Low switching losses especially Eoff
$V_{CE(sat)}$ with positive temperature coefficient
High short circuit capability(10us)
Including ultra fast & soft recovery anti-parallel FWD
Low inductance package
Maximum junction temperature 175

Gate-emitter Threshold Voltage	$V_{GE(th)}$	$V_{GE}=V_{CE}$, I_C=11mA,T_{vj}=25	5.2	5.8	6.4	V
Collector-Emitter Cut-off Current	I_{CES}	V_{CE}=1200V,V_{GE}=0V,T_{vj}=25			1.0	mA
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=300A,V_{GE}=15V, T_{vj}=25		1.90	2.30	V



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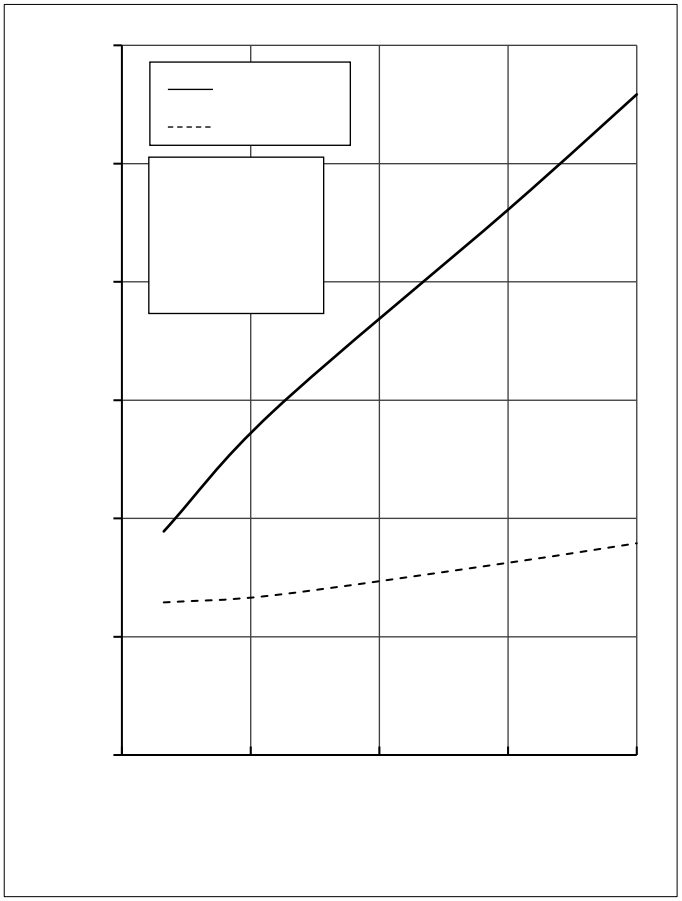

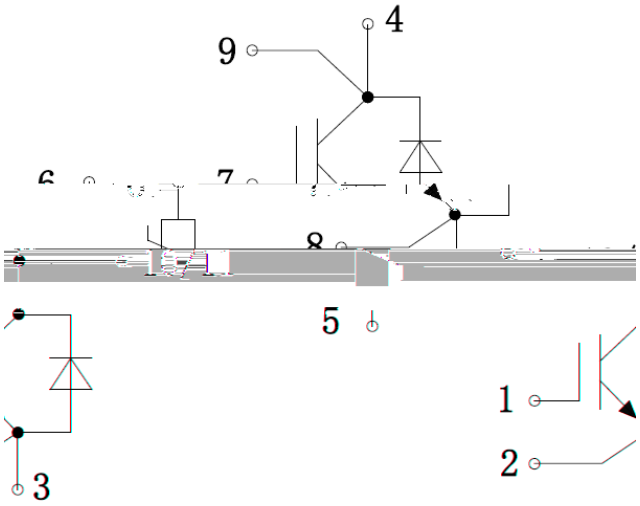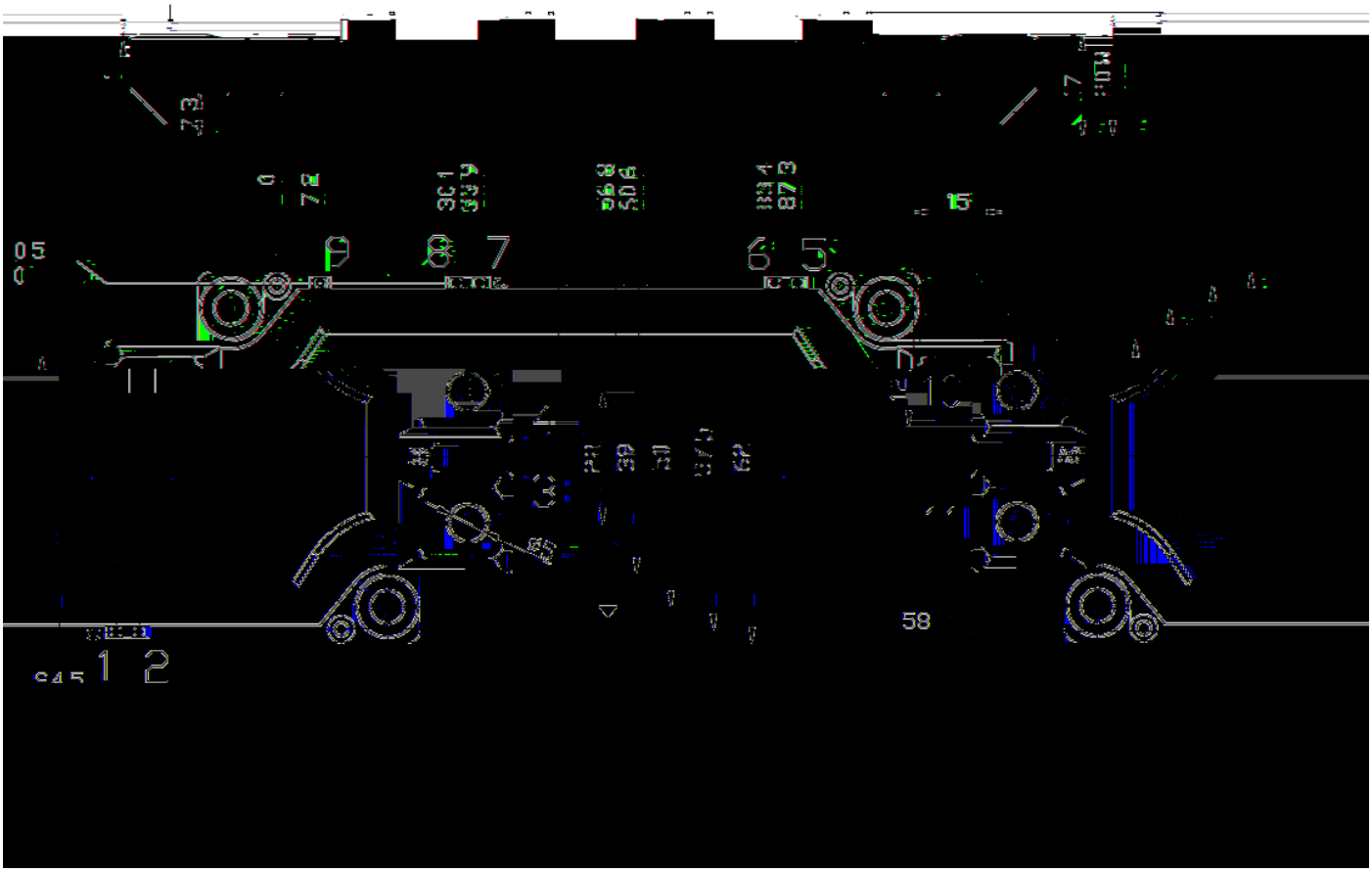
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