

Rev.B Oct.-2025

TO-247

Insulated-Gate Bipolar Transistor in a TO-247 Plastic Package

650V 75A

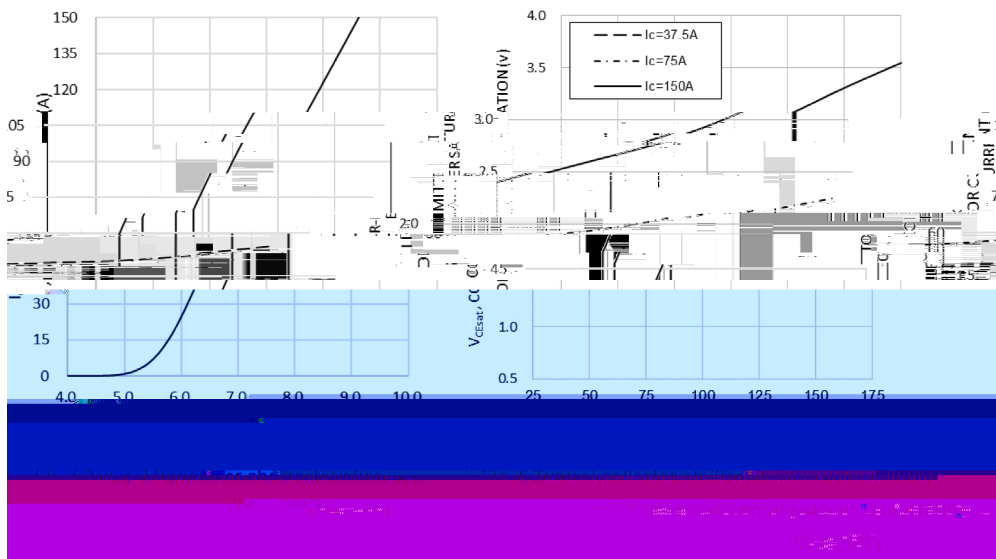
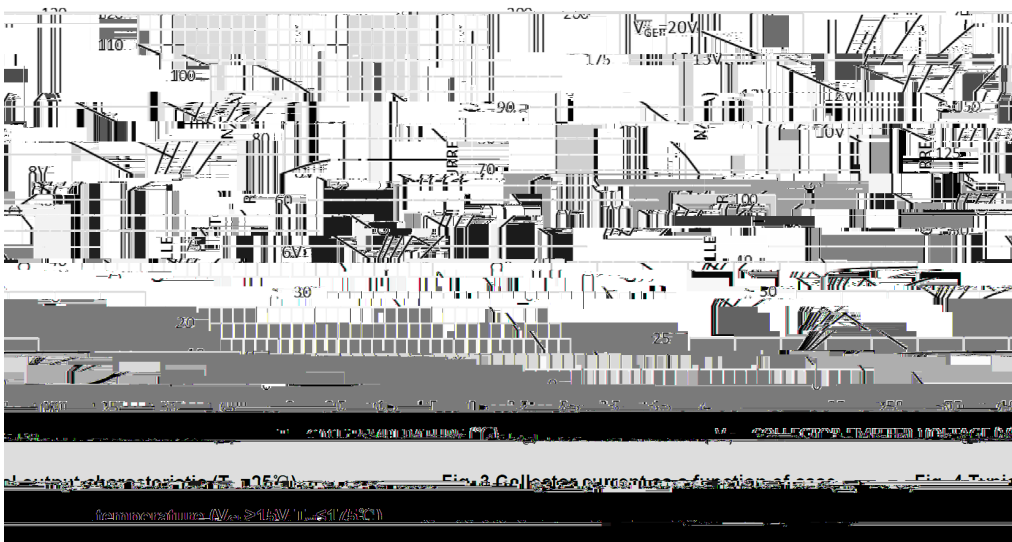
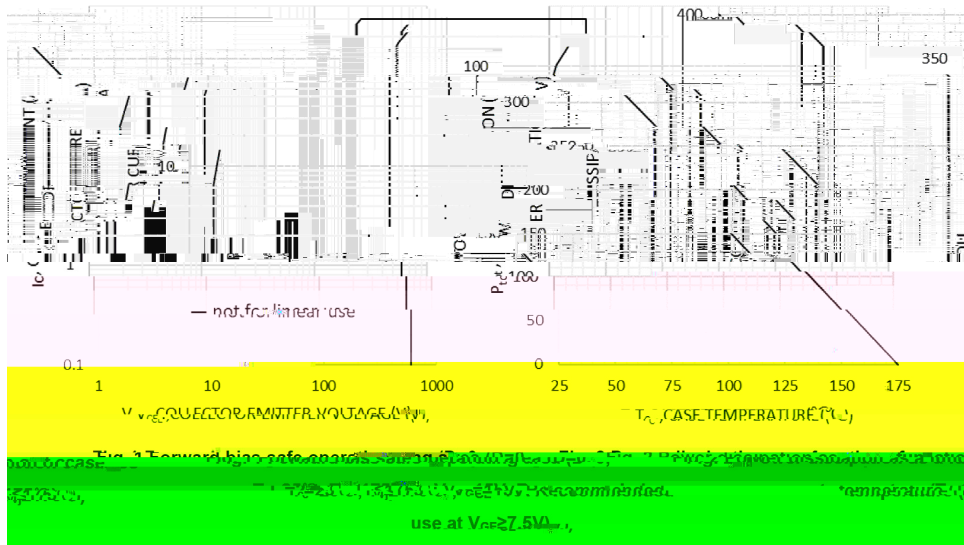
$V_{CE(SAT)} = 1.80V(\text{typ.}) @ V_{GE} = 15V, I_C = 75A$

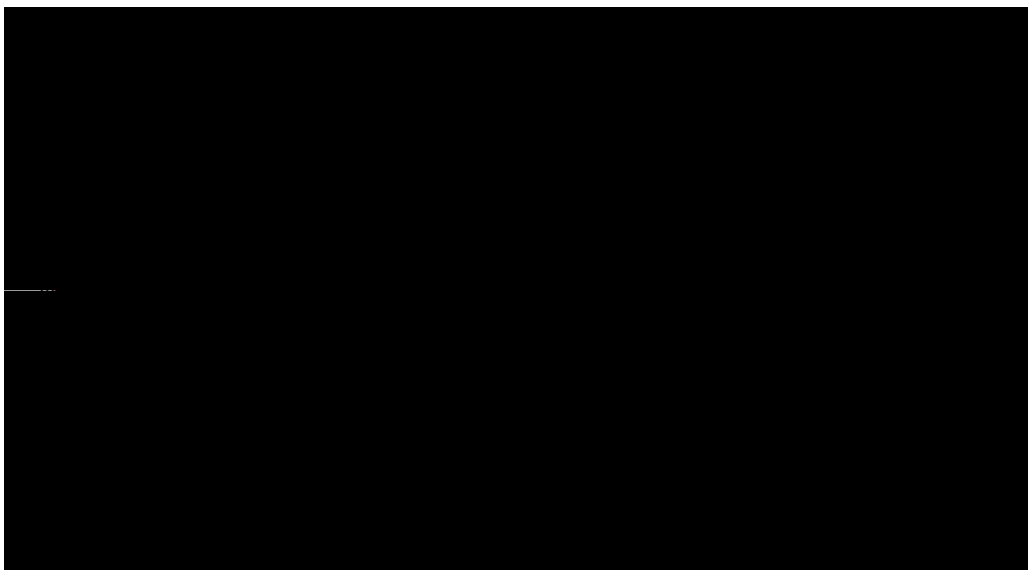
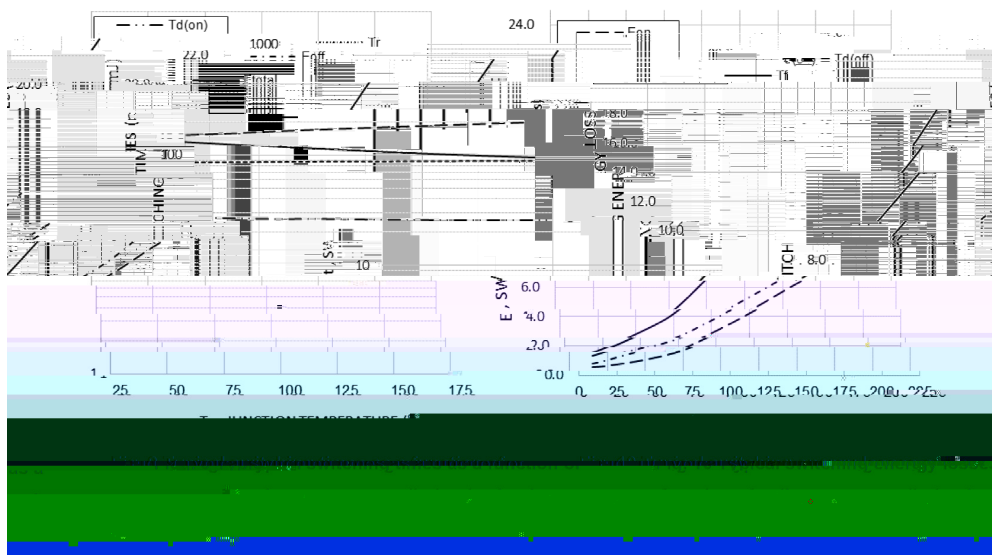
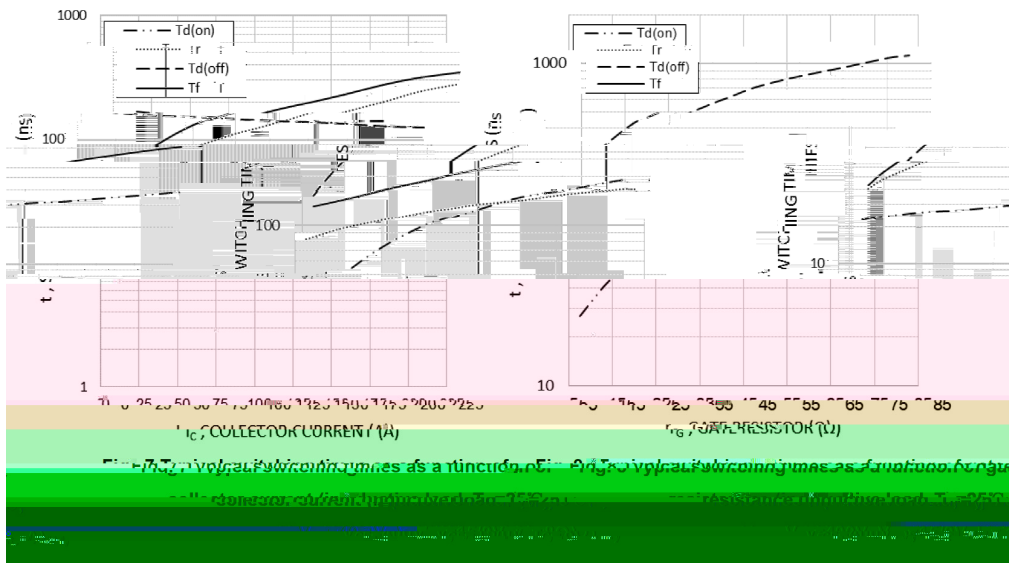
Solar Converters, Uninterrupted Power Supply, Welding Converters,9

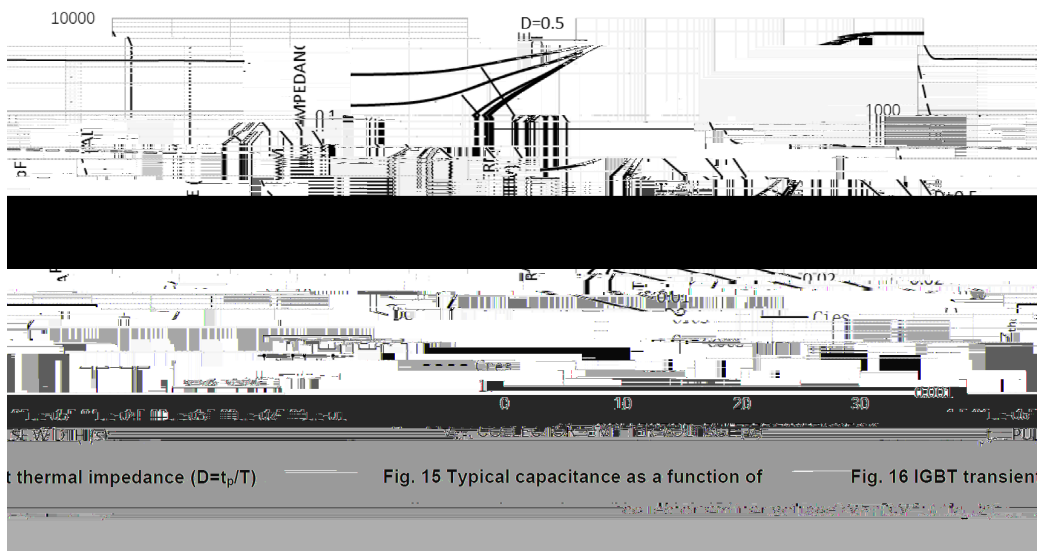


Parameter	Symbol	Rating	Unit
Collector-Emitter Voltage	V_{CES}	650	V
Gate-Emitter Voltage	V		

Parameter	Symbol	Test Conditions	Min
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1	25	150	60	90sec;	Note:	1.Preheating:25~150 , Time:60~90sec.
2	255..5		5..0.5sec;		2.Peak Temp.:255..5 , Duration:5..0.5sec.	
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.	

270..5 10..1 sec. Temp.:270±5 Time:10±1 sec

/ TUBE

Package Type	Units	Dimension	(unit mm ³)
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