

/ Descriptions

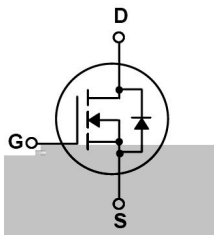
/ Features

, AEC-Q101
Ultra Low On-Resistance, fast switching, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

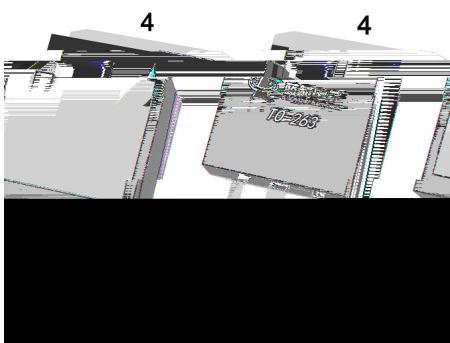
/ Applications

PFC

/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Ta=25)

	≤	θ		
		θ		

/ Electrical Characteristics(Ta=25)

/ Electrical Characteristics(Ta=25)



/ Electrical Characteristic Curve

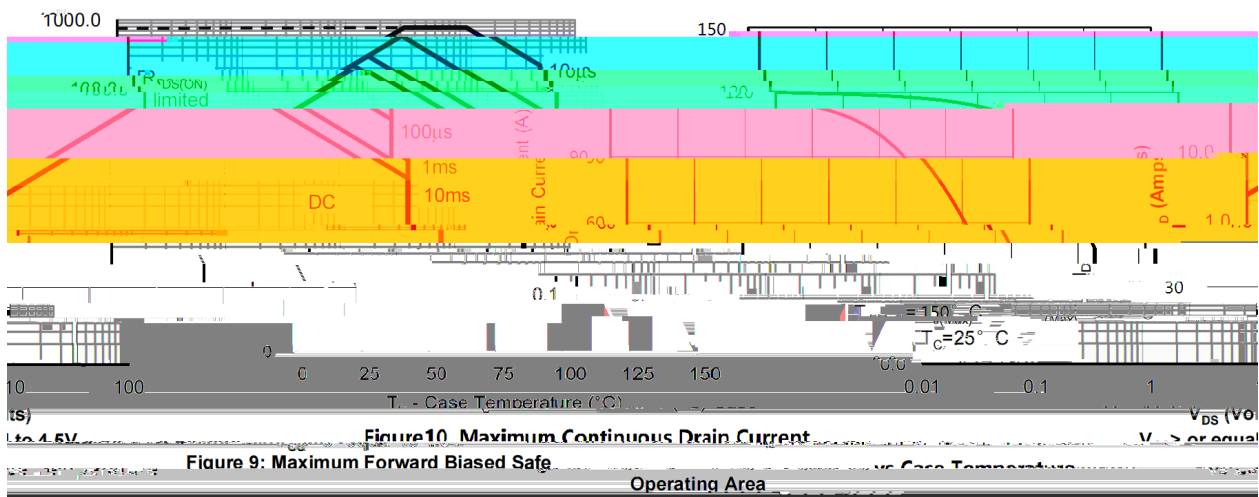
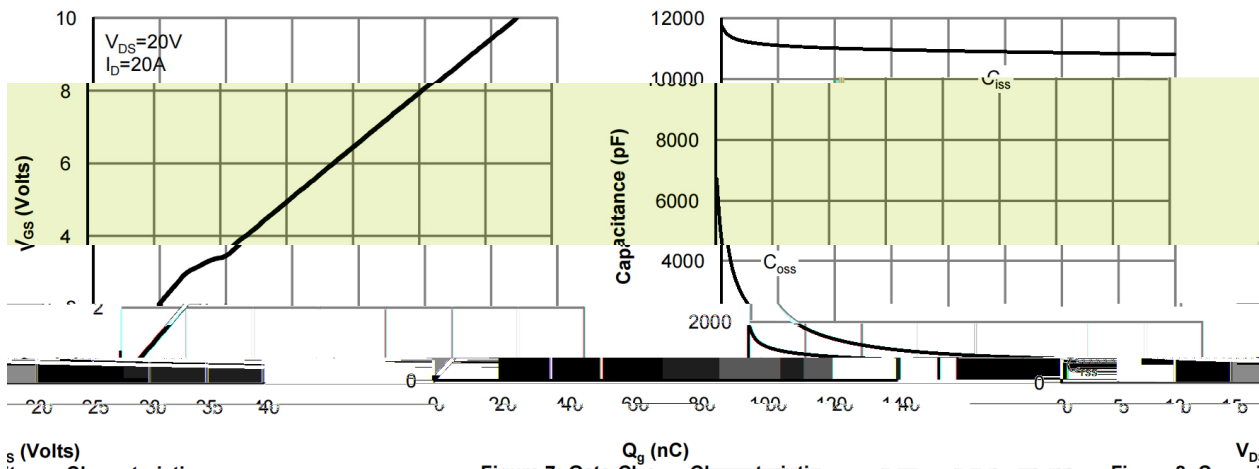


Figure 10: Maximum Continuous Drain Current

Figure 9: Maximum Forward Biased Safe

Operating Area

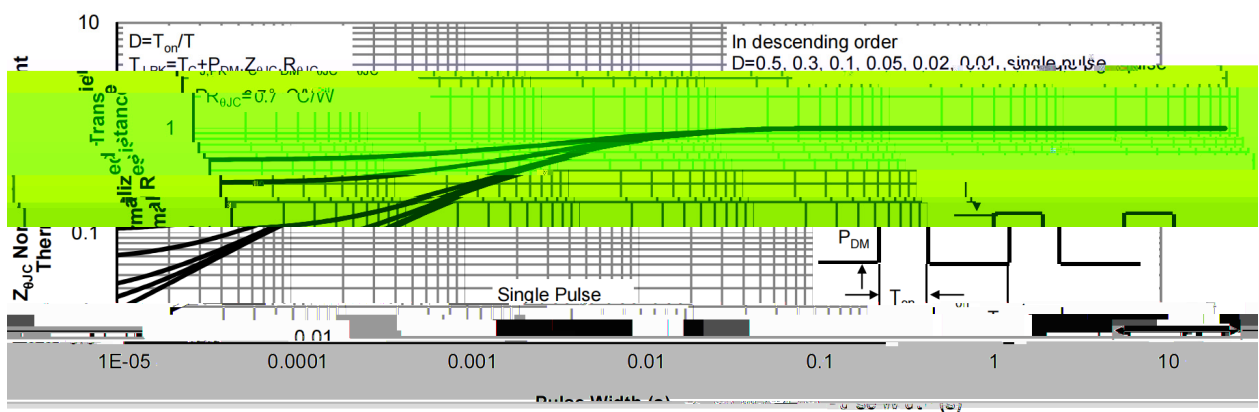
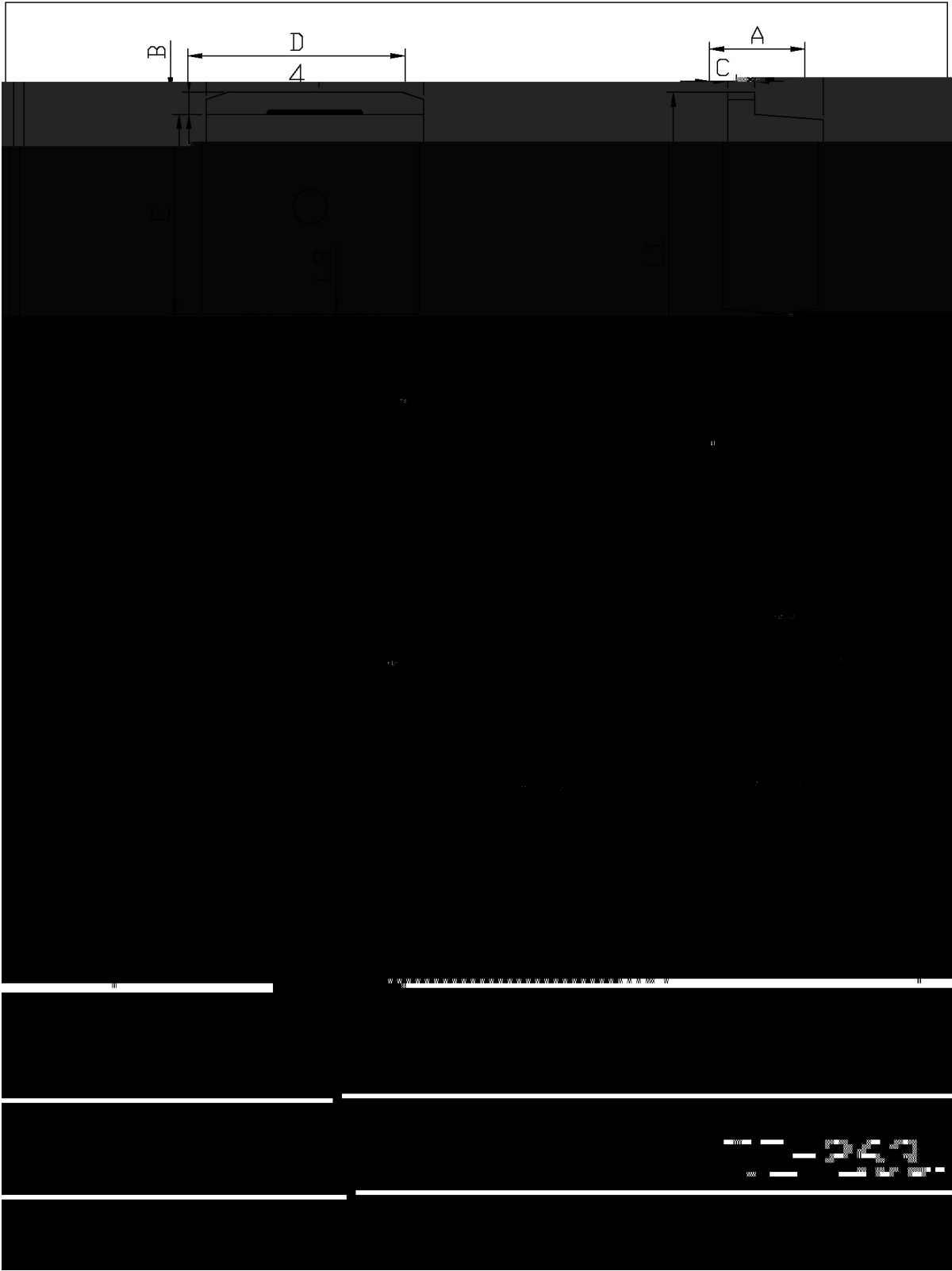
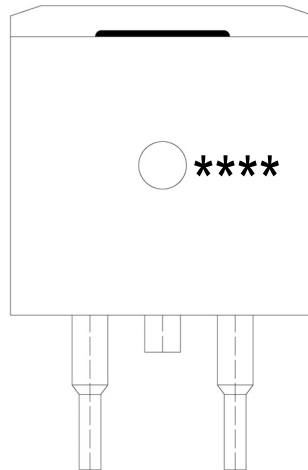


Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



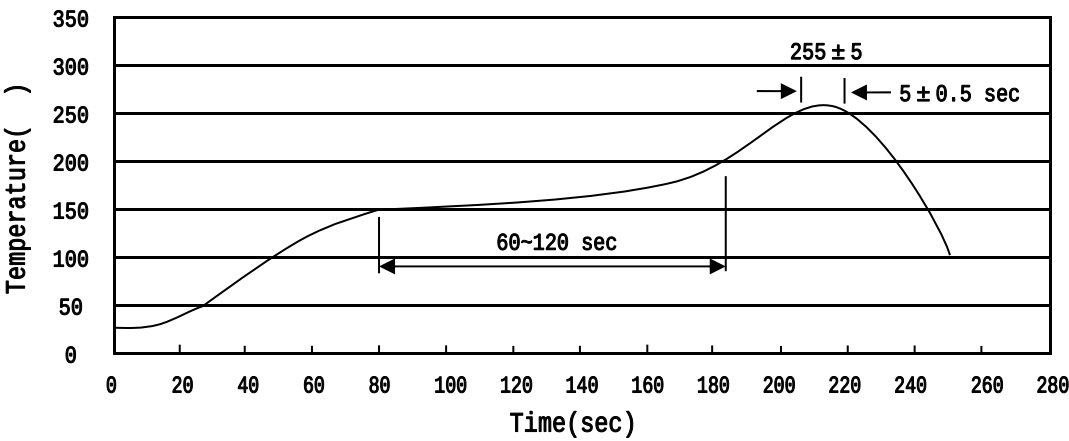
/ Marking Instructions



BR

020N04

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box

/ Notices