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Electrical Characteristics (@ T_C = 25℃ unless otherwise specified)

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Forward voltage	I_F = 120A, Tvj = 25	V_F			1.35	V
Reverse leakage current	$V_R = V_{RRM}$, Tvj = 25	I_{RRM}			0.5	mA
	$V_R = V_{RRM}$, Tvj = 150				10	mA
Threshold voltage	For power loss calculation only Tvj = 150 ,	V_{TO}			0.80	V
Dynamic resistance		r_T			3.2	mΩ

Thermal Characteristics (@ T_C = 25℃ unless otherwise specified)

Parameter	Conditions

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Typical Electrical & Thermal Characteristics

FIG.1: Forward characteristics(per diode)

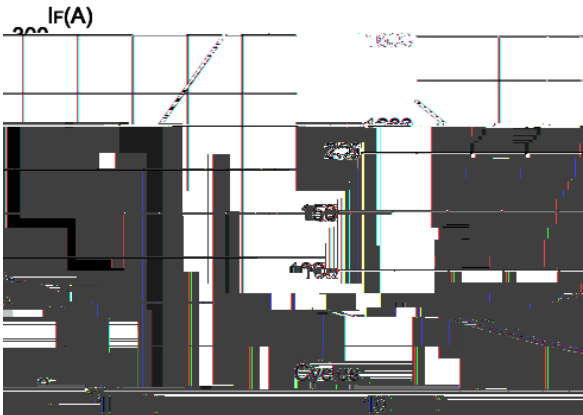


FIG.2: Peak on-state surge current

FIG.4: Maximum transient thermal impedance

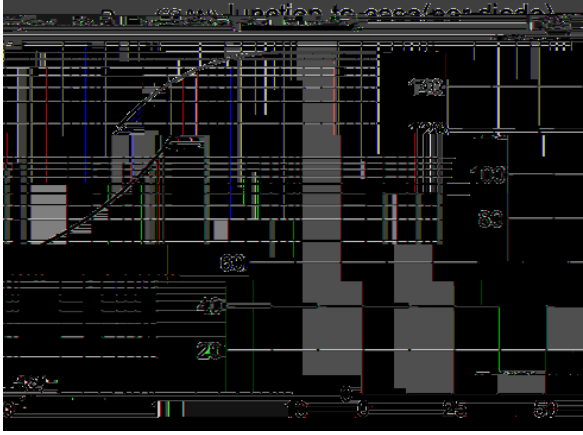
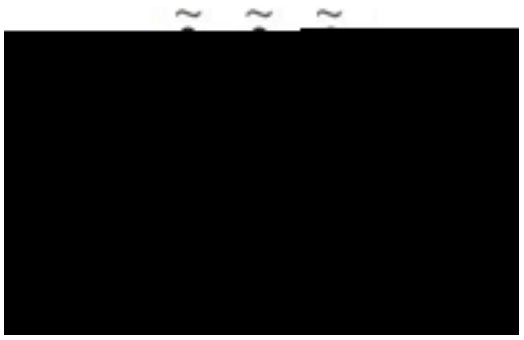


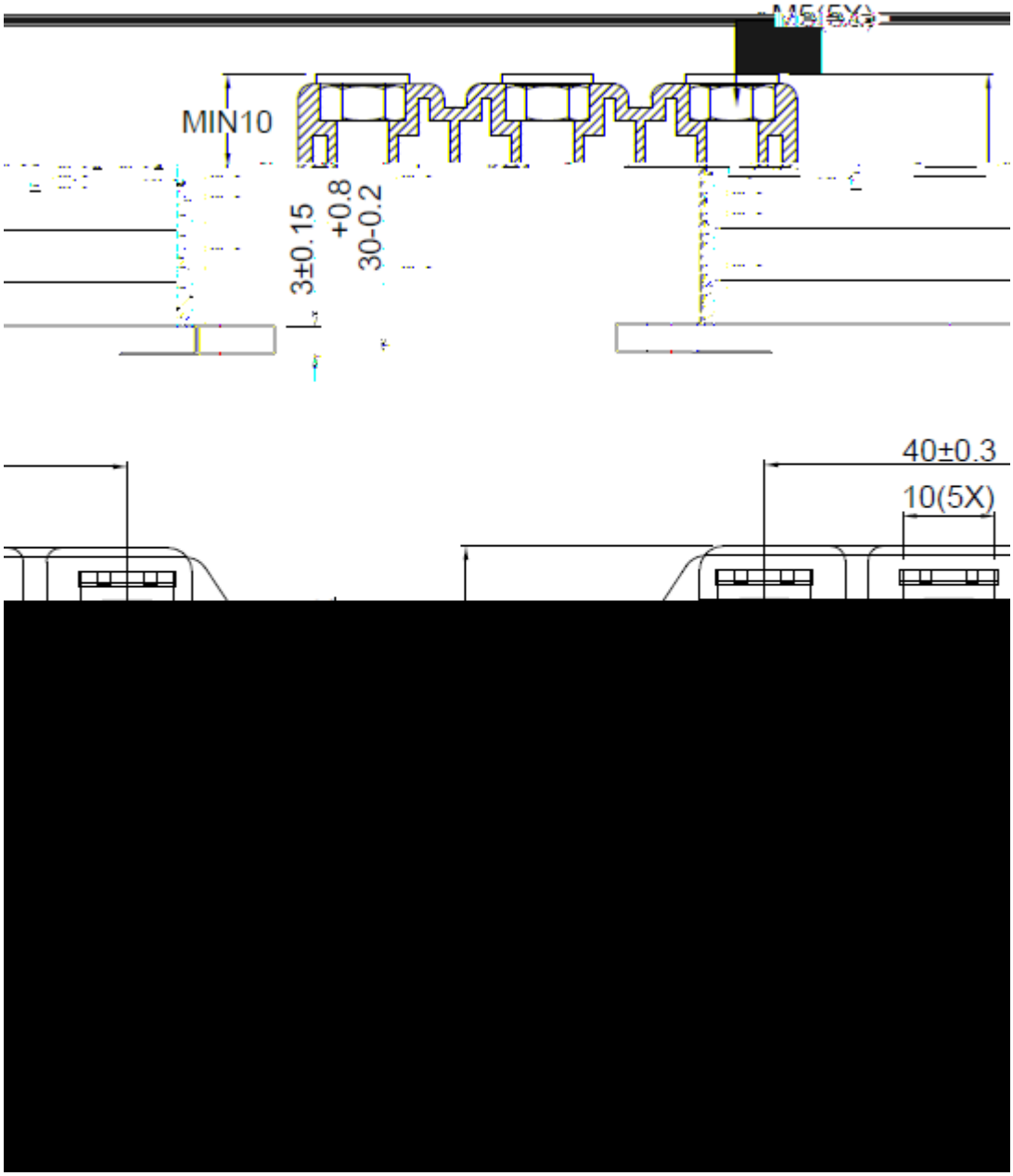
FIG.3: Forward current vs. case temperature

Circuit Diagram



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Package Outlines (mm)



Unit of measurement: mm

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