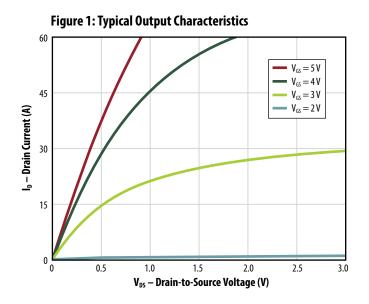
Dynamic Characteristics ($T_j = 25^{\circ}$ C unless otherwise stated)						
PARAMETER		TEST CONDITIONS	MIN	ТҮР	MAX	UNIT
C _{ISS}	Input Capacitance	$V_{DS} = 20 V, V_{GS} = 0 V$		220	300	pF
C _{RSS}	Reverse Transfer Capacitance			6.5	9.5	
C _{OSS}	Output Capacitance			150	210	
R_{G}	Gate Resistance			0.4		Ω
Q_G	Total Gate Charge	$V_{DS} = 20 \text{ V}, V_{GS} = 5 \text{ V}, I_D = 10 \text{ A}$		2	2.5	
Q_{GS}	Gate-to-Source Charge	$V_{DS} = 20 \text{ V}, \text{ I}_{D} = 10 \text{ A}$		0.7		- nC
Q_{GD}	Gate-to-Drain Charge			0.3	0.5	
Q _{G(TH)}	Gate Charge at Threshold			0.5		
Q _{OSS}	Output Charge	$V_{DS} = 20 V, V_{GS} = 0 V$		4	6	
Q _{RR}	Source-Drain Recovery Charge			0		

All measurements were done with substrate connected to source.

Note 2: C_{OSS(ER)} is a fixed capacitance that gives the same stored energy as C_{OSS} while V_{DS} is rising from 0 to 50% BV_{DSS}.

Note 3: C_{OSS(TR)} is a fixed capacitance that gives the same charging time as C_{OSS} while V_{DS} is rising from 0 to 50% BV_{DSS}.





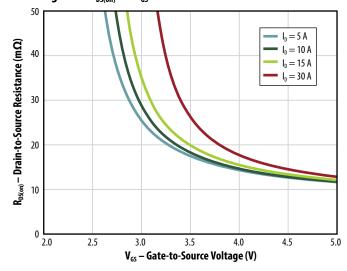
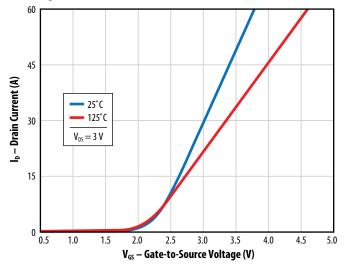
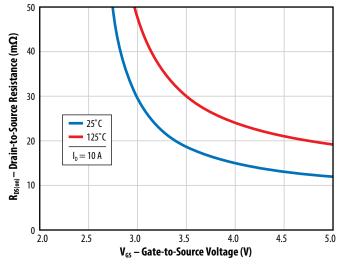
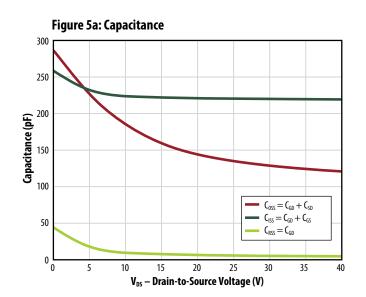


Figure 2: Transfer Characteristics









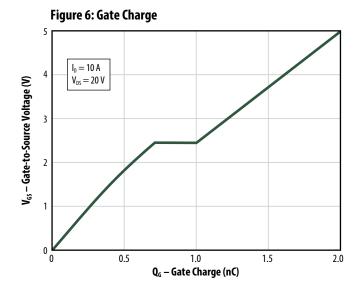
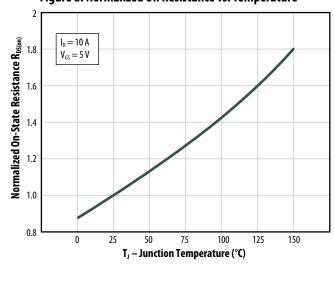


Figure 8: Normalized On Resistance vs. Temperature



All measurements were done with substrate shortened to source.

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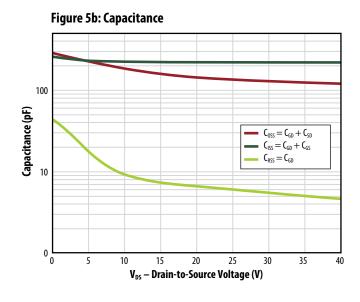
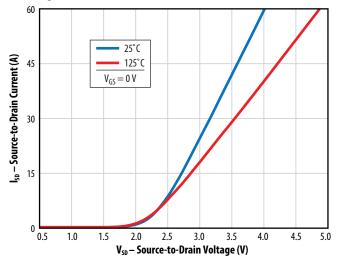
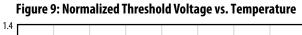
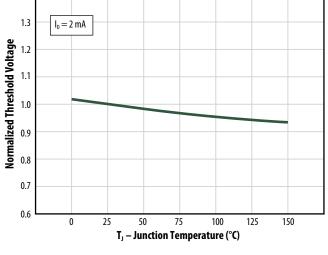


Figure 7: Reverse Drain-Source Characteristics

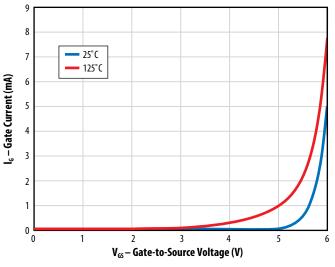




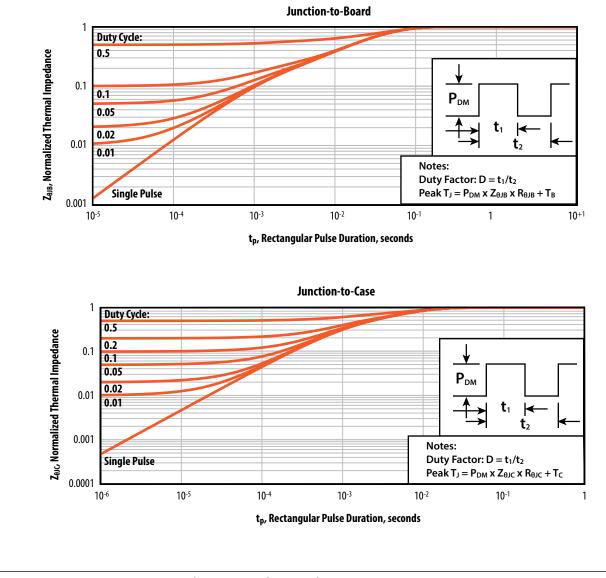


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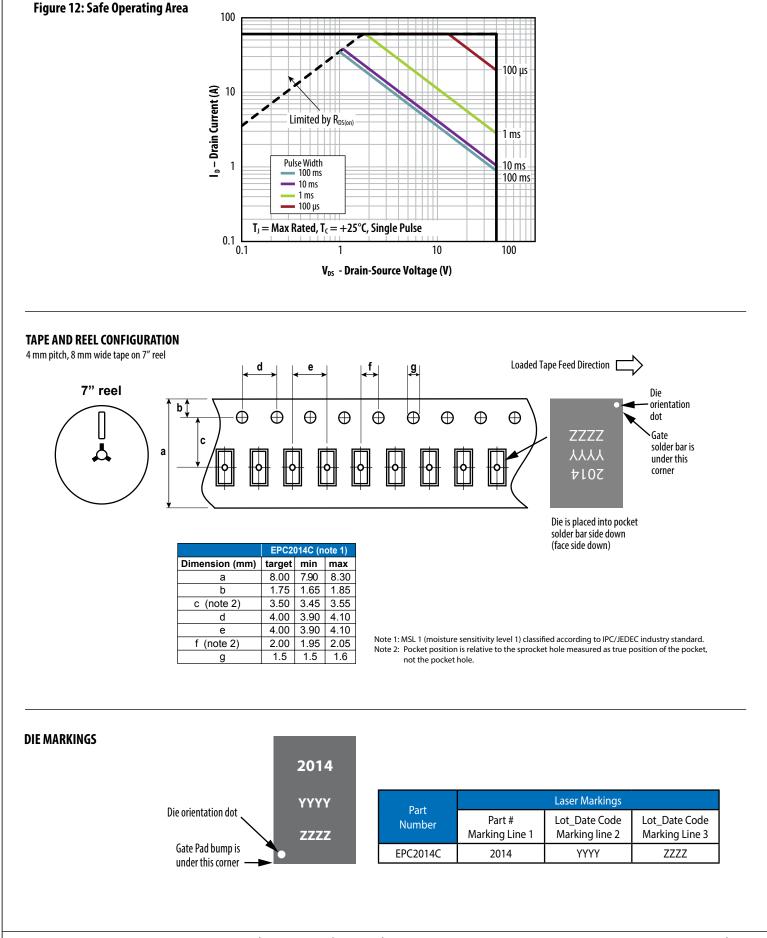






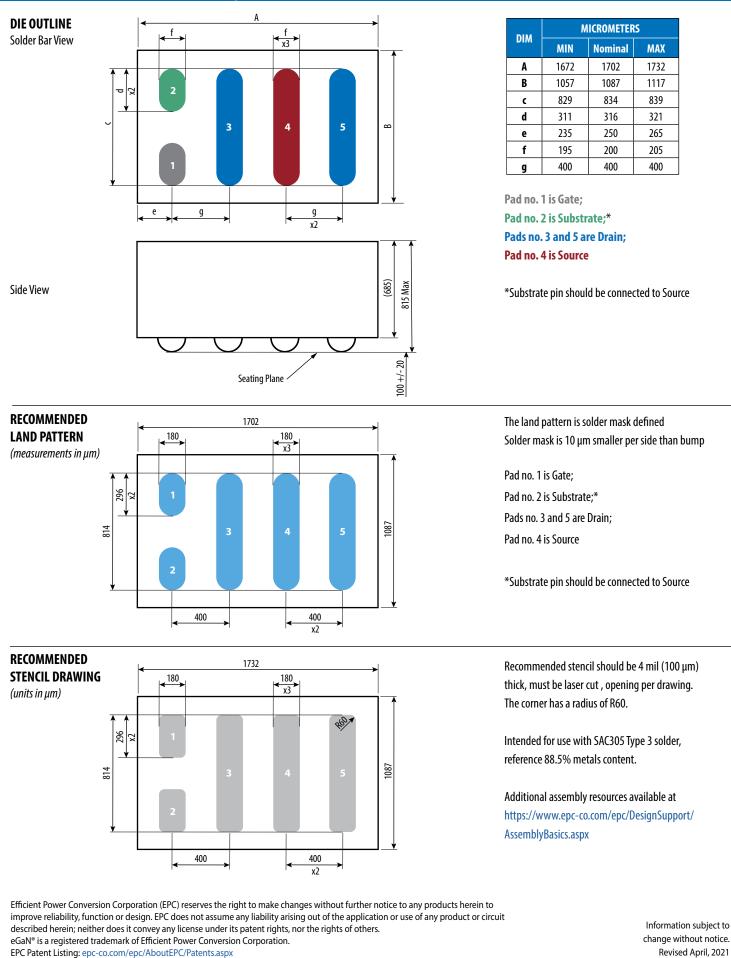


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