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**Ordering Information:**

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**Absolute Maximum Ratings  $T_C=25$**

Parameter	Symbol	Rating	Unit
	$V_{DS}$	30	V
Gate-Source Voltage			V
Continuous Drain Current	$I_D @ T_C=25$	340	A
	$I_D @ T_C=75$	258	A
	$I_D @ T_C=100$	214	A
Pulsed Drain Current	$I_{DM}$	1020	A
Total Power Dissipation	$P_D @ T_C=25$	138	W
Total Power Dissipation	$P_D @ T_A=25$	3.5	W



Single Pulse Avalanche Energy (L=0.1mH,VGS=10V,Rg=25 -	$E_{AS}$	450	mJ
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**Thermal resistance**

Parameter	Symbol	Min.	Typ.	Max.	Unit
Thermal resistance, junction - case	$R_{thJC}$	-	-	0.9	C/W
Thermal resistance, junction - ambient	$R_{thJA}$	-	-	36	C/W
Soldering temperature, wave soldering for 10s	$T_{sold}$	-	-	265	C

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**Electronic Characteristics**

Parameter	Symbol	Condition	Min.	Typ	Max.	Unit
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Drain-Source B.37 e3.3 37 0.12:



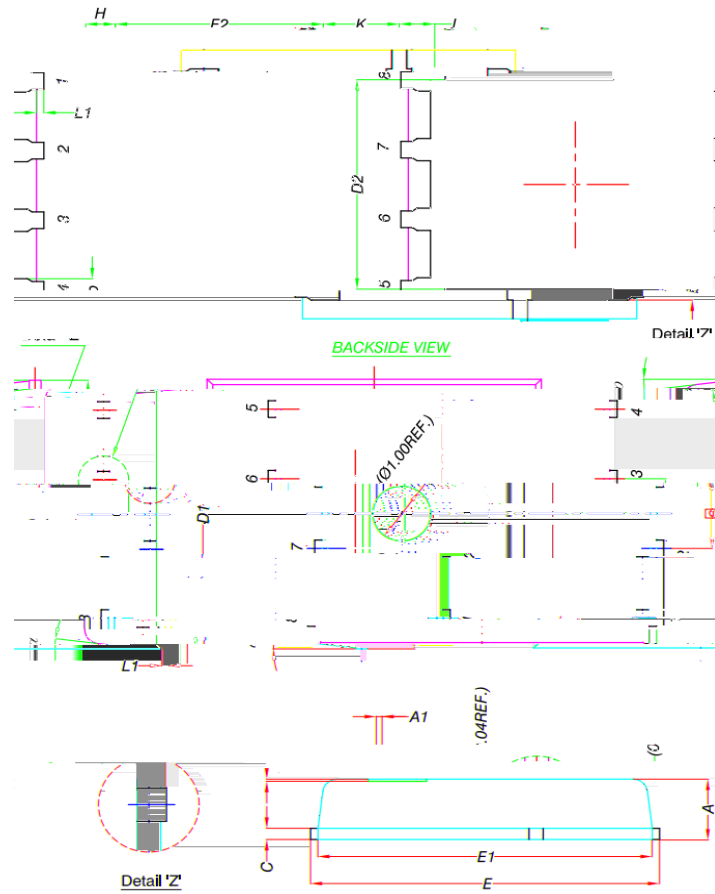






Dimensions DFN5x6

Unit mm



DIM.	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.90	1.00	1.10
A1	0	-	0.05
b	0.33	0.41	0.51
C	0.20	0.25	0.30
D1	4.80	4.90	5.00
D2	3.61	3.81	3.96

