



Ordering Information:

Absolute Maximum Ratings $T_C = 25$

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	80	V
Gate-Source Voltage	V_{GS}	± 20	V
Continuous Drain Current	$I_{D@TC=25}$	140	A
	$I_{D@TC=75}$	106.4	A
	$I_{D@TC=100}$	88.2	A
Pulsed Drain Current	I_{DM}	320	A
Total Power Dissipation	$P_D@TC=25$	90	W
Total Power Dissipation	$P_D@TA=25$	3.5	W
Operating Junction Temperature	T_J	-55 to 150	



Thermal resistance

Parameter	Symbol	Min.	Typ.	Max.	Unit
Thermal resistance, junction - case	R_{thJC}	-	-	1.4	° C/W
Thermal resistance, junction - ambient	R_{thJA}	-	-	35	° C/W

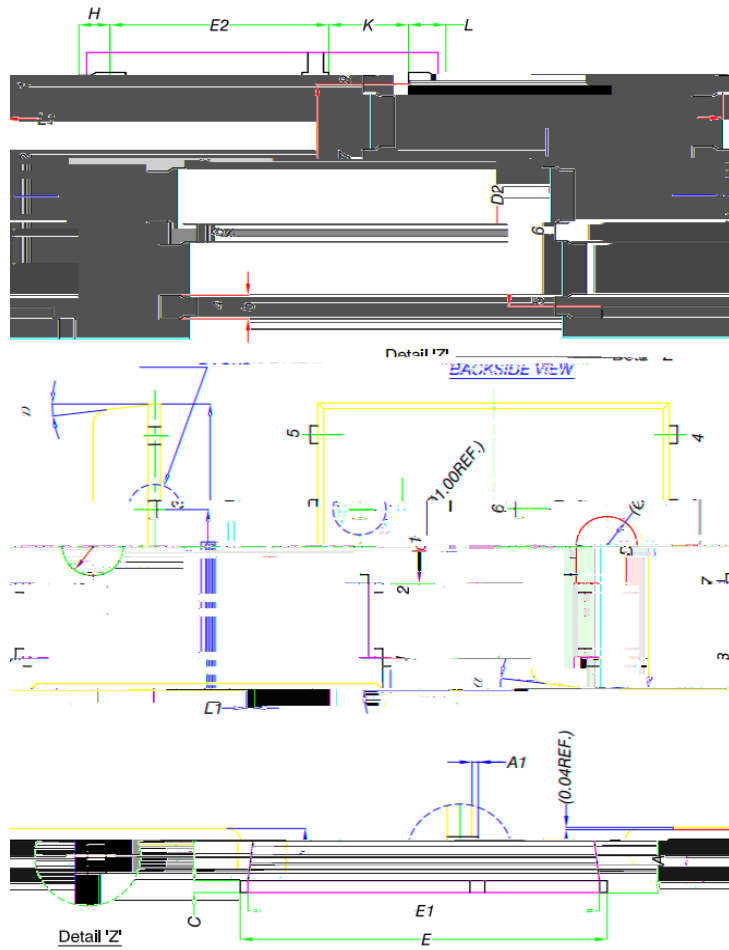






Dimensions DFN5x6

Unit mm



MILLIMETERS

4.80	4.90	5.00	
3.61	3.81	3.96	
4.90	6.60	6.40	
E1	5.70	6.75	6.30
F1	1.27	1.27	1.27
		1.27 BSC	
0.41	0.51	0.61	H
1.10			K
0.41		0.51	0.61
0.12		0.15	0.06
			12°