

- (1) 300us pulse width, 2% duty cycle.
- (2) Measured at 1.0MHz and applied voltage of 4.0V DC.
- (3) Thermal resistance test performed in accordance with JESD-51.
- (4) The unit mounted on fin type heat sink (32 mm x 85 mm x 24.2 mm)

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RATING AND CHARACTERISTIC CURVES G40E100CF5

LITEON



FIG.3 TYPICAL FORWARD CHARACTERISTICS



INSTANTANEOUS FORWARD VOLTAGE, (V)



FIG.2 MAXIMUM NON-REPETITIVE SURGE CURRENT



FIG.4 TYPICAL JUNCTION CAPACITANCE



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Package Dimension :





Bottom View

F5				
DIM	MIN	TYP	MAX	
Α	1.60	1.80	2.00	
b	1.80	2.00	2.30	
С		0.70		
D		10.40		
D1	9.80	10.00	10.30	
D2	7.00	7.25	7.50	
D3	8.10	8.35	8.60	
E	14.50	15.00	15.50	
E1	12.70	13.00	13.30	
E2	10.00	10.25	10.60	
е	4.35 REF.			
L	1.70	2.00	2.30	
θ		-	5°	
All dimension in millimeter				

Side View

4

SUGGESTED PAD LAYOUT :



F5			
DIM.	Millimeter	Inches.	
С	2.00	0.079	
D	4.35	0.171	
Е	1.60	0.063	
F	8.70	0.343	
х	3.00	0.118	
X1	11.40	0.449	
Y	3.00	0.118	
Y1	11.25	0.443	

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