

- Measured at 1.0MHz and applied voltage of 4.0V DC. (2)

Thermal resistance test performed in accordance with JESD-51. (3)

The unit mounted on fin type heat sink (32 mm x 85 mm x 24.2 mm) (4)

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RATING AND CHARACTERISTIC CURVES G40E100CF5

LITEON

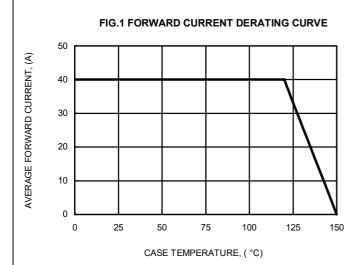
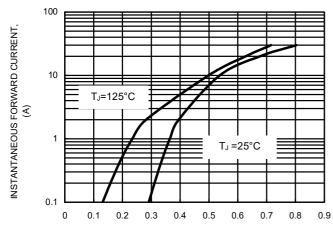


FIG.3 TYPICAL FORWARD CHARACTERISTICS



INSTANTANEOUS FORWARD VOLTAGE, (V)

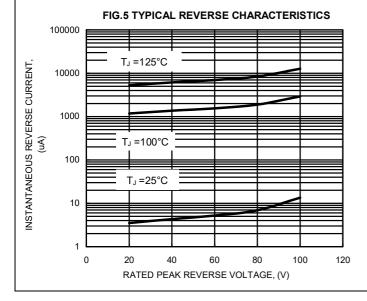


FIG.2 MAXIMUM NON-REPETITIVE SURGE CURRENT

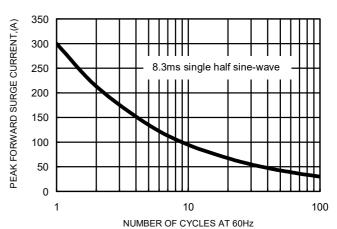
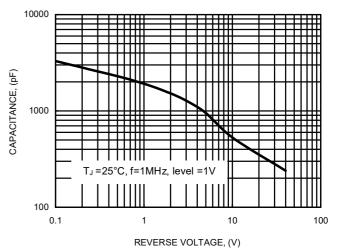


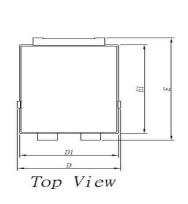
FIG.4 TYPICAL JUNCTION CAPACITANCE

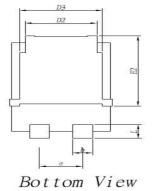


MECHANICAL AND MARKING INFORMATION G40E100CF5



Package Dimension :



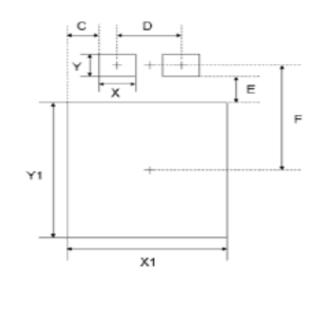


F5 DIM MIN TYP MAX 1.60 1.80 2.00 Α b 1.80 2.00 2.30 С 0.70 -----10.40 D ------10.00 D1 9.80 10.30 D2 7.00 7.25 7.50 D3 8.10 8.35 8.60 Ε 14.50 15.00 15.50 E1 12.70 13.00 13.30 E2 10.00 10.25 10.60 4.35 REF. е L 1.70 2.00 2.30 5° θ -----All dimension in millimeter

Side View

4

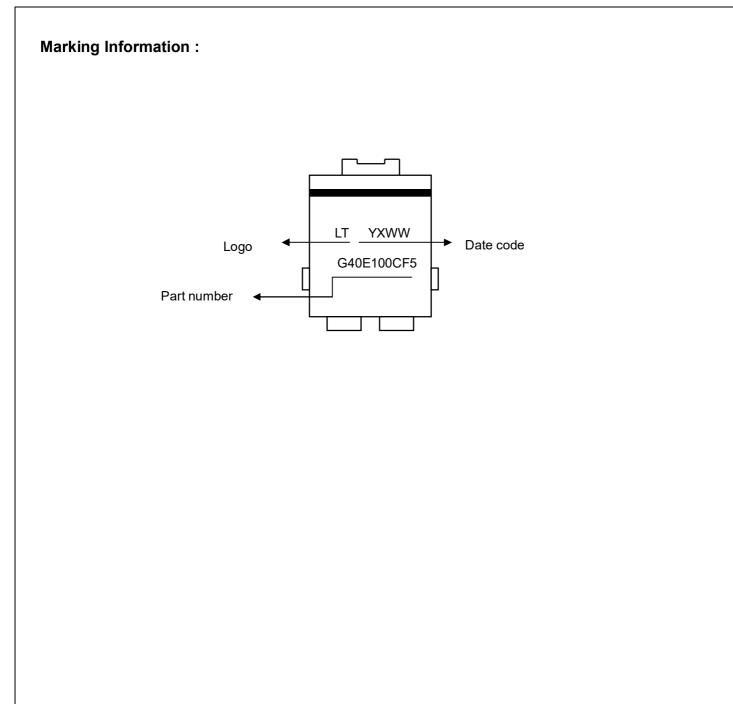
SUGGESTED PAD LAYOUT :



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

MECHANICAL AND MARKING INFORMATION G40E100CF5







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