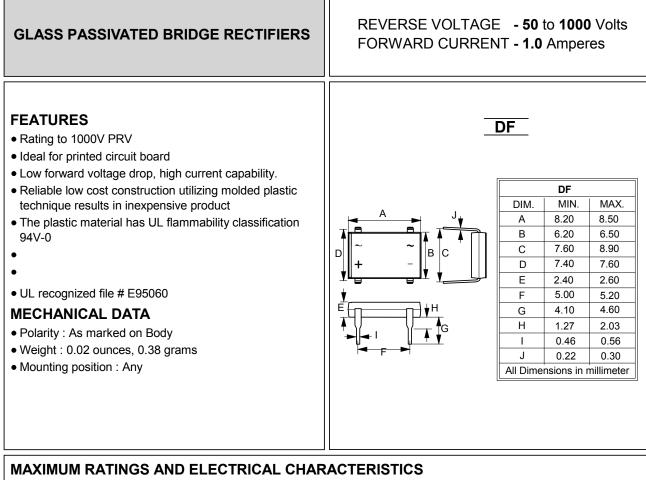
LITE ON SEMICONDUCTOR

DF005M thru DF10M

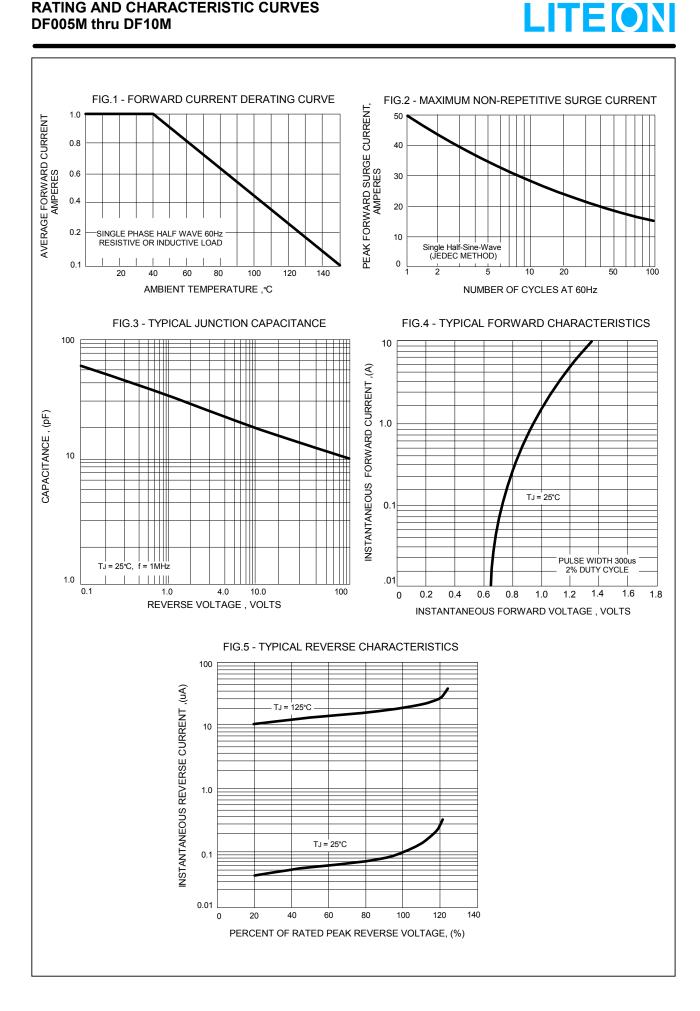


Ratings at 25°C ambient temperature unless otherwise specified.

CHARACTERISTICS	SYMBOL	DF005M	DF01M	DF02M	DF04M	DF06M	DF08M	DF10M	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward@TA=40°CRectified Current@Tc=120°C	I(AV)	1.0							A
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC METHOD)	IFSM	50							A
Maximum forward Voltage at 1.0A DC	VF	1.1						V	
Maximum DC Reverse Current@TJ =25°Cat Rated DC Blocking Voltage@TJ =125°C	IR	10 500						uA	
I ² t Rating for fusing (t < 8.3ms)	l ² t	10.4							A ² S
Typical Junction Capacitance per element (Note 1)	Сл	25							pF
Typical Thermal Resistance (Note 2)	Reja	40						°C/W	
Operating Temperature Range	TJ	-55 to +150						°C	
Storage Temperature Range	Тѕтс	-55 to +150						°C	
Storage Temperature Range TSTG -55 to +150 NOTES : 1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC. REV. 9, Jun-2013,								-2013, KB	

2. Thermal resistance from junction to ambient mounted on P.C.B with 0.5x0.5"(13x13mm) copper pads.

RATING AND CHARACTERISTIC CURVES DF005M thru DF10M





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