DF005S THRU DF10S

SINGLE PHASE GLASS PASSIVATED SURFACE MOUNT BRIDGE RECTIFIER

VOLTAGE:50 TO 1000V CURRENT:1.0A



FEATURE

For surface mount application Reliable low cost construction utilizing molded plastic Technique Surge overload rating:50 A peak

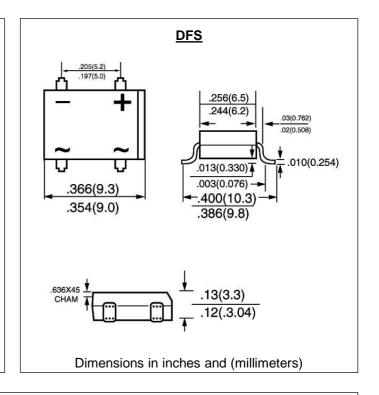
MECHANICAL DATA

Terminal: Plated leads solderable per MIL-STD 202E, method 208C

Case: UL-94 Class V-0 recognized Flame Retardant Epoxy

Polarity: Polarity symbol marked on body

Mounting position: any



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

(single-phase, half-wave, 60HZ, resistive or inductive load rating at 25°C, unless otherwise stated, for capacitive load, derate current by 20%)

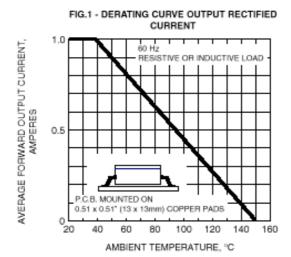
	SYMBOL	DF 005S	DF 01S	DF 02S	DF 04S	DF 06S	DF 08S	DF 10S	units
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Maximum Recurrent Peak Reverse Voltage	Vrrm	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	Vrms	35	70	140	280	420	560	700	V
Maximum DC blocking Voltage	Vdc	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current at Ta =40°C	If(av)	1.0						А	
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load	Ifsm	50.0						Α	
Maximum Instantaneous Forward Voltage at forward current 1.0A	Vf	1.1						V	
Maximum DC Reverse Current Ta =25°C at rated DC blocking voltage Ta =125°C	lr	10.0							μΑ
		500.0							mA
Typical Junction Capacitance	Cj	25.0							Pf
Operating Temperature Range	Tj	-55 to +125							°C
Storage and Operating Junction Temperature	Tstg	-55 to +150							°C

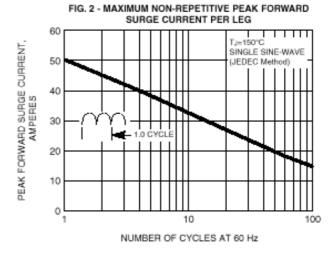
Note:

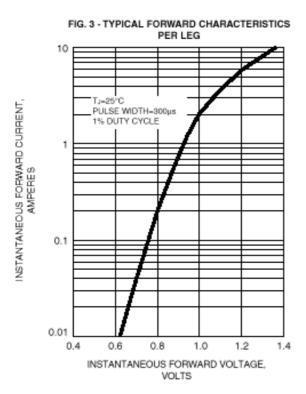
1. Measured at 1.0 MHz and applied voltage of 4.0 volt

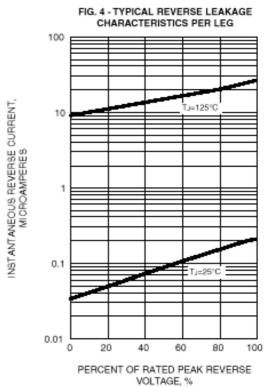
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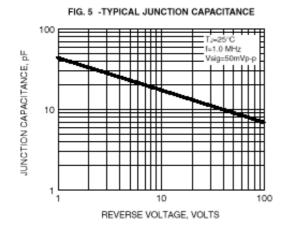
RATINGS AND CHARACTERISTIC CURVES DF005S THRU DF10S

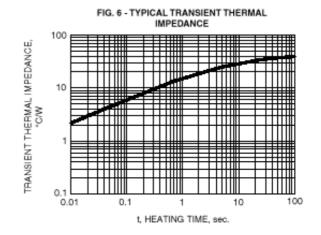












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