



BEIJING FEIDA ELECTRONICS GROUP CORP.
北京飞达电子集团公司

DF005 DFS DF40

Features

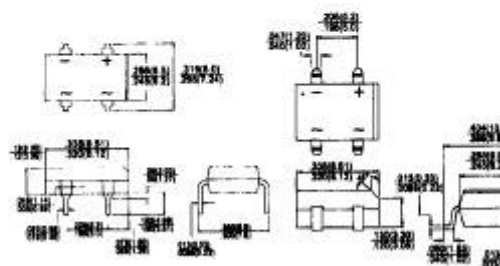
- ◇ UL Recognized File # E-96005
- ◇ Ideal for printed circuit board
- ◇ Reliable low cost construction utilizing molded plastic technique
- ◇ High temperature soldering guaranteed:
250°C / 10 seconds / 0.375" (9.5mm)
lead length at 5 lbs., (2.3 kg) tension
- ◇ Small size, simple installation

Leads solderable per MIL-STD-202,
Method 208

- ◇ High surge current capability

DF

DFS



Dimensions in inches and (millimeters)



Single Phase 1.0 AMP. Glass Passivated Bridge Rectif

Maximum Ratings and Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified.

Single phase, half wave, 60 Hz, resistive or inductive load.

For capacitive load, derate current by 20%

Type Number	DF005	DF01	DF02	DF04	DF06	DF08	DF10	Un
	DF005S	DF01S	DF02S	DF04S	DF06S	DF08S	DF10S	
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	\
Maximum RMS Voltage	35	70	140	280	420	560	700	\
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	\
Maximum Average Forward Rectified Current @ T _A = 40°C	1.0							A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	50							A
Maximum Instantaneous Forward Voltage @ 1.0A	1.1							\
Maximum DC Reverse Current @ T _A =25°C	10							u
at Rated DC Blocking Voltage @ T _A =125°C	500							u
Operating Temperature Range T _J	-55 to +150							°C
Storage Temperature Range T _{STG}	-55 to +150							°C

Note: DFS for Surface Mount Package.

