

Part Number	$V_{RRM}$ (V)	$I_O$ (A)	@T <sub>c</sub> (°C)	$V_{FM}$ (V)	@I <sub>FM</sub> (A)	50 Hz (A)	60Hz (A)	$R_{\theta JC}$ (K/W)	$I_{RM}$ (μA)	Notes	Fax on Demand Number	Case Outline Key
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**Single Phase**

**Schottky**

1BQ20	20	1	45	0.65	1	30	31	60	5	2 3 6 7		D-70 B1
1BQ40	40	1	45	0.65	1	30	31	60	5	2 3 6 7		

**Diode**

DF005S	50	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	D-71 B2
DF01S	100	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	
DF02S	200	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	
DF04S	400	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	
DF06S	600	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	
DF08S	800	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	
DF10S	1000	1	40	1	1	30	31	60	5	2 5 6 7 15	82788	

**Diode**

DF005M	50	1	40	1	1	30	31	60	5	2 6 7 15	82788	D-70 B1
DF01M	100	1	40	1	1	30	31	60	5	2 6 7 15	82788	
DF02M	200	1	40	1	1	30	31	60	5	2 6 7 15	82788	
DF04M	400	1	40	1	1	30	31	60	5	2 6 7 15	82788	
DF06M	600	1	40	1	1	30	31	60	5	2 6 7 15	82788	
DF08M	800	1	40	1	1	30	31	60	5	2 6 7 15	82788	
DF10M	1000	1	40	1	1	30	31	60	5	2 6 7 15	82788	

**NOTES:**

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|--|---|--|
| 2 For Ifsm: 100% VRRM reapplied. T <sub>j</sub> =T <sub>j</sub> max =150°C                                       | 5 VFM measured at T <sub>j</sub> =T <sub>j</sub> max. | 9 Vfm measured at T <sub>j</sub> =25°C |
| 3 For Irm: T <sub>j</sub> = 150°C  | 6 I <sub>o</sub> at ambient temperature               | 10 RMS isolation voltage=2700V - 50Hz  |
| 4 Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3. | 7 R <sub>th</sub> is junction-to-ambient              | 11 RMS isolation voltage=4000V - 50Hz  |
|  | 8 Value given for R <sub>th</sub> JC is per module    | 15 For Irm T <sub>j</sub> =25°C        |



D-37



D-38



D-44



D-46



D-70



D-71



D-72

