

Part Number	V _{RRM} (V)	I _O (A)	@T _C (°C)	V _{FM} (V)	@I _{FM} (A)	I _{FSM} 50 Hz (A)	60Hz (A)	R _{θJC} (K/W)	I _{RM} (μA)	Notes	Fax on Demand Number	Case Outline Key
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Single Phase

Schottky

D-70

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

Diode

D-71

DF005S	50	1	40	1	1	30	31	60	5	2	5	6	7	15	82788	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

D-70

DF005M	50	1	40	1	1	30	31	60	5	2	6	7	15		82788	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:

- For I_{FSM}: 100% V_{RRM} reapplied. T_j=T_j max =150°C
- For I_{RM}: T_j = 150°C
- Available with 3mm and 5mm cropped leads. To specify, add suffix 'L3' for 3mm or 'L5' for 5mm, e.g. 1KAB10EL3.
- V_{FM} measured at T_j=T_j max.
- I_O at ambient temperature
- R_{th} is junction-to-ambient
- Value given for R_{thJC} is per module
- V_{FM} measured at T_j=25°C
- RMS isolation voltage=2700V - 50Hz
- RMS isolation voltage=4000V - 50Hz
- For I_{RM} T_j=25°C



D-37



D-38



D-44



D-46



D-70



D-71



D-72

