

Capsule Type Rectifier Diodes for Welding Machine

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ITEM	V _{RRM}	I _o	I _{FSM}	I ² t	Q _{rr}	I _{RM}	V _{FM} /I _{FM}	V _{fo}	r _f	R _{th(j-c)}	R _{th(c-ha)}	T _{jm}	Weight	Mounting Force	Outline No.
CONDITION		Tc85°C	10ms		T _{jm}	25°C	T _{jm}								
UNIT	V	A	KA	KA ² s	μC	mA	V/A	V	m·Ω	°C/W		°C	g	KN	
FH4280DW40	400	4,280	38	7,220	≤400	50	1.3/9,000	0.69	0.042	0.0135	0.004	175	160	19-26	P49
FH7100DW40	400	7,100	55	15,000	≤400	50	1.1/6,400	0.74	0.052	0.01	0.0035	190	150	20-40	P56
FH12000DW40	400	12,000	90	40,000	≤400	50	0.98/6,000	0.74	0.025	0.006	0.005	190	220	35-65	tbd
FH16000DW40	400	16,000	120	76,000	≤400	80	1.00/6,000	0.75	0.017	0.003	0.0015	190	540	70-90	tbd
FH9200DW40	400	9,200	60	17,049	≤300	50	1.00/6,000	0.78	0.031	0.006	0.003	190	100	30-50	tbd
FH10500DW40	400	10,500	70	24,500	≤300	50	1.00/6,000	0.81	0.026	0.005	0.0025	190	110	30-50	tbd
FH13500DW40	400	13,500	85	36,000	≤300	75	0.90/6,000	0.76	0.021	0.004	0.002	190	160	55-80	tbd
FH18000DW40	400	18,000	135	90,000	≤300	80	1.00/6,000	0.75	0.017	0.003	0.0015	190	210	79-90	tbd
FH5000DW40	400	5,000	45	10,000	≤200	50	1.05/5000	0.8	0.03	0.01	0.005	190	140	20-40	P56
FH5000DW40	400	5,000	45	10,000	≤100	50	1.10/5000	0.82	0.032	0.01	0.005	190	140	20-40	P56
FH10000DW40	400	10,000	70	23,000	≤200	50	1.00/6,000	0.79	0.026	0.006	0.003	190	220	35-65	tbd
FH10000DW40	400	10,000	70	23,000	≤100	50	1.00/6,000	0.81	0.028	0.006	0.003	190	220	35-65	tbd

*** : V_{RM}/10