

# Welding Diodes

# 焊机整流管

## Feather

Designed for medium frequency welding equipment

High reliability in welding machine

Very low on-state voltage

Very low thermal resistance

Up to 2000HZ

专为中频电阻焊机设备设计

高可靠性

极低的通态压降

极低的接触热阻

可以达到2000HZ频率



## Housing

Part No.	$I_{F(AV)}$	$V_{RRM}$	$I_{FSM}$	$I^2 t$	$V_{TO}$	$r_T$	$T_{VJM}$	$R_{thJC}$	$R_{thCH}$	F	Outline
	$T_{C=85^\circ C}$		50Hz	50Hz	$T_{VJM}$	$T_{VJM}$					
	(A)		(KA)	$A^2S \cdot 10^3$	V	mΩ					
ZP4000/02-06	5000	200-600	45	10	0.80	0.030	170	0.010	0.005	20-25	D1
ZP7100/02-06	7100	200-600	55	15	0.75	0.025	170	0.010	0.005	20-25	D1
ZP12000/02-06	11000	200-600	85	36	0.75	0.020	170	0.006	0.003	35-40	D2
ZP16000/02-06	16000	200-600	120	72	0.80	0.019	190	0.004	0.002	50-60	D3

## housingless

Part No.	$I_{F(AV)}$	$V_{RRM}$	$I_{FSM}$	$I^2 t$	$V_{TO}$	$r_T$	$T_{VJM}$	$R_{thJC}$	$R_{thCH}$	F	Outline
	$T_{C=85^\circ C}$		50Hz	50Hz	$T_{VJM}$	$T_{VJM}$					
	(A)		(KA)	$A^2S \cdot 10^3$	V	mΩ					
ZP10500/02-06	10500	200-600	70	25	0.80	0.03	170	0.0050	0.0026	30-50	D18
ZP13500/02-06	13500	200-600	85	36	0.75	0.02	170	0.0039	0.0025	35-70	D19
ZP18000/02-06	18000	200-600	120	72	0.80	0.02	190	0.0035	0.002	70-80	D20



