

# Rectifier Diodes for Electric Welders

## 焊机专用整流二极管

### Features

- High reliability
- Very low forward voltage
- Very low thermal resistance
- Very high current density

### Applications

- Medium frequency welding equipment for high current
- Inverter resistance welding equipment
- Substitution of 5SDD series rectifier diode



### 特点

- 可靠性高
- 低的正向电压
- 低的热阻
- 高的电流密度

### 应用

- 大电流的中频焊接设备
- 逆变电阻焊机
- 可代替5SDD系列二极管

Type	$I_{F(AV)}$ @ $T_C=85^\circ C$	$V_{RRM}$	$I_{RRM}$ @ $T_{jm}$	$I_{FSM}$	$V_{F(TO)}$	$r_F$	$V_{FM}$		$R_{thjc}$	$F_m$	$T_{jm}$	Outline
	A	V	mA	kA	V	m $\Omega$	V	@ $I_{FM}$ A	$^\circ C/kW$	kN	$^\circ C$	
ZP7100	7100	200-600	60	55	0.76	0.03	1.10	5000	10.0	24	170	ZP7100 or B
ZP12000	11000	200-600	60	85	0.75	0.03	0.95	8000	6.0	40	170	ZP12000 or C
ZP16000	16000	200-400	100	110	0.74	0.019	1.01	8000	4.0	60	190	ZP16000
ZP18000	18000	200-300	80	135	0.74	0.016	1.08	12000	4.0	40	170	ZP18000
ZP9000	9100	200-400	60	60	0.79	0.03	0.92	5000	3.9	30	180	ZP9000 Non-case
ZP13500	13500	200-400	80	85	0.78	0.025	0.93	8000	3.9	40	180	ZP13500 or Z Non-case