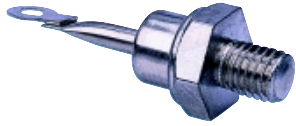
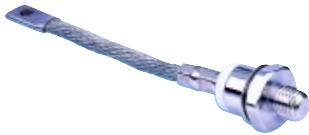


## Standard Recovery Diodes



ZP5-20A



ZP20-500A



ZP50-300A



ZA Disc Model



ZTa Disc Model



ZT Disc Model

### 1. Feature

- $I_F(AV)=5-5000A$
- $V_{RRM}=100-5000V$
- Hermetic metal case with ceramic insulator
- Hermetic glass-metal seal
- Metal case with ceramic insulator
- Conform to partial national standard GB/T8949.2-1999
- Capacity of supporting high surge current
- Stud cathode and stud anode version

### 2. Typical Application

- AC/DC Converters
- DC power supplies
- Mechine tool controls

### 3. Characteristics

#### Stud-model

Type	$I_F(AV)$ A	$I_{FSM}$ A	$V_{FM}$ V	$V_{RRM}$ V	$I_{RRM}$ mA	$R_{jc}$ °C/w	$T_j$ °C	Weight g	Outine No
ZP5A	5	7.9	$\leq 1.6$	100 ~ 5000	$\leq 2$	$\leq 4.0$	-40 ~ 150	10	A1
ZP10A	10	16				$\leq 2.5$		25	A2
ZP20A	20	31			$\leq 6$	$\leq 1.4$		27	A3C1
ZP30A	30	47				$\leq 1.0$		110	C2
ZP50A	50	79	$\leq 1.8$	100 ~ 5000	$\leq 12$	$\leq 0.6$	1140	C3	
ZP100A	100	160				$\leq 0.3$	205	C4	
ZP200A	200	310			$\leq 15$	$\leq 0.2$	325	C5	
ZP300A	300	470				$\leq 0.11$	470	C6	
ZP500A	500	630			$\leq 0.068$	925	C7		

#### Disc model

Type	$I_F(AV)$ A	$I_{FSM}$ A	$V_{FM}$ V	$V_{RRM}$ V	$I_{RRM}$ mA	$R_{jc}$ °C/w	$T_j$ °C	Weight g	Outine No
ZP100A	100	160	$\leq 1.8$	100 ~ 5000	$\leq 5$	$\leq 0.30$	-40 ~ 150	70	F1
ZP200A	200	310				$\leq 10$		$\leq 0.20$	85/200
ZP300A	300	470			$\leq 0.11$			100/285	F3E2
ZP5000A	500	790			$\leq 20$	$\leq 0.095$		200/370	F4E3
ZP800A	800	1300				$\leq 0.068$		225/425	F5E4
ZP1000A	1000	1600			$\leq 25$	$\leq 0.042$		290/535	F6E4
ZP1500A	1500	2400				$\leq 0.034$		650	E7
ZP2000A	2000	3100			$\leq 30$	$\leq 0.021$		755	E8
ZP2500A	2500	4000				$\leq 0.020$		1210	E9
ZP3000A	3000	4700			$\leq 0.011$	$\leq 0.020$		1260	E9E10E11
ZP3500A	3500	5500	1290	E9E10E11					
ZP4000A	4000	6200	1320	E9E10E11					
ZP5000A	5000	7900			1380	E9E10E11			