

Standard Recovery Diodes



ZP5-20A



ZP20-500A



ZP50-300A



ZA Disc Model



Zta Disc Model



ZT Disc Model

Feature

- IF(AV)=5-5000A
- VRRM=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

Typical application

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

Characteristics

Stud-model

Type	IF(AV) A	IFSM A	VFM V	VRRM V	IRRM mA	Rjc °C/w	Tj °C	Weight g	Outine No
ZP5A	5	7.9	≤1.6	100 ~ 500	≤2	≤4.0	-40 ~ 150	10	A1
ZP10A	10	16				≤2.5		25	A2
ZP20A	20	31			≤6	≤1.4		27	A3C1
ZP30A	30	47				≤1.0		110	C2
ZP50A	50	79				≤0.6		1140	C3
ZP100A	100	160	≤1.8	≤12	≤0.3	205	C4		
ZP200A	200	310			≤0.2	325	C5		
ZP300A	300	470			≤0.11	470	C6		
ZP500A	500	630			≤0.068	925	C7		

Disc-model

Type	IF(AV) A	IFSM A	VFM V	VRRM V	IRRM mA	Rjc °C/w	Tj °C	Weight g	Outine No
ZP100A	100	160	≤1.8	100 ~ 500	≤5	≤0.30	-40 ~ 150	70	F1
ZP200A	200	310			≤10	≤0.20		85/200	F2E1
ZP300A	300	470				≤0.11		100/285	F3E2
ZP5000A	500	790			≤20	≤0.095		200/370	F4E3
ZP800A	800	1300				≤0.068		225/425	F5E4
ZP1000A	1000	1600				≤0.042		290/535	F6E4
ZP1500A	1500	2400			≤25	≤0.034		650	E7
ZP2000A	2000	3100				≤0.021		755	E8
ZP2500A	2500	4000			≤30	≤0.020		1210	E9
ZP3000A	3000	4700						1260	E9E10E11
ZP3500A	3500	5500	1290	E9E10E11					
ZP4000A	4000	6200	1320	E9E10E11					
ZP5000A	5000	7900	≤0.011	1380			E9E10E11		