



Plastic Seal Diodes DO-41

SILICON DIFFUSED RECTIFIER DIODE

1N4001~1N4007

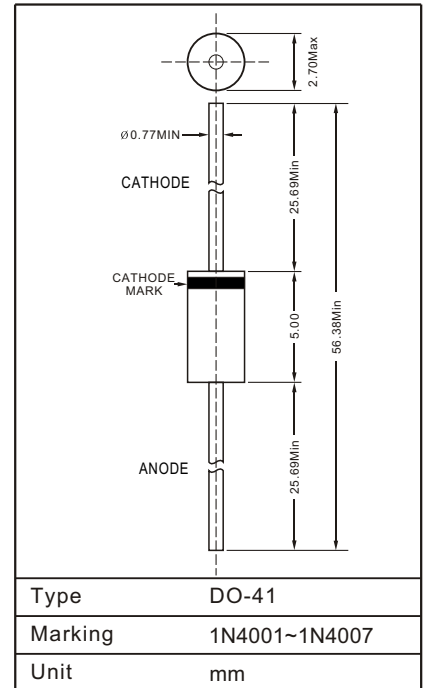
■ General Purpose Rectifier Featuring

- Average Forward Current of 1 Ampere
- Repetitive Peak Reverse Voltage Ranges From 50V to 1000V
- Low Forward Voltage Drop,  $V_F < 1\text{ V}$  @  $I_F = 1\text{ A}$
- Low Leakage Current,  $I_R < 5\mu\text{A}$  @  $T_A = 25^\circ\text{C}$

■ MAXIMUM RATINGS

Type Number	$V_{RSM}/\text{V}$	$V_{RM}/\text{V}$	$V_{F(AV)}/\text{V}$ @ $T_A = 75^\circ\text{C}$	$V_F/\text{V}$ @ $I_F = 1.0\text{ A}$	$I_R/\mu\text{A}$ @ $V_{RM}$ $T_A = 75^\circ\text{C}$	$I_{Surge}/\text{A}$ @ 60Hz
1N4001	100	50	1	< 1.0	< 5	30
1N4002	200	100	1	< 1.0	< 5	30
1N4003	300	200	1	< 1.0	< 5	30
1N4004	500	400	1	< 1.0	< 5	30
1N4005	750	600	1	< 1.0	< 5	30
1N4006	1000	800	1	< 1.0	< 5	30
1N4007	1200	1000	1	< 1.0	< 5	30

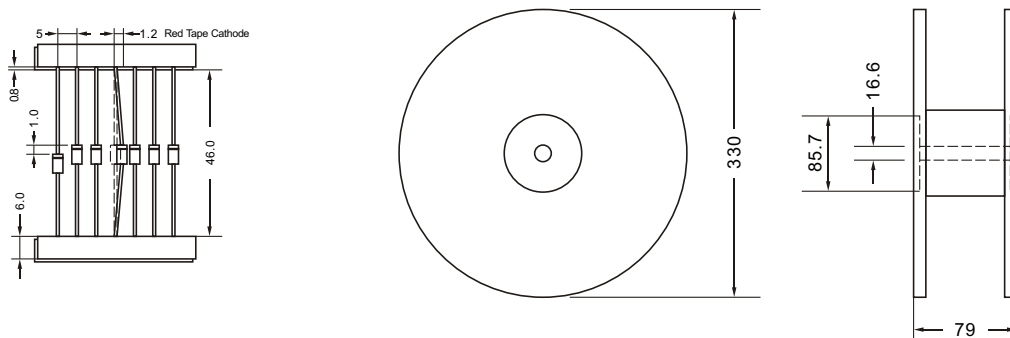
Unit in: mm



■ TAPE & REEL PACKING DRAWING

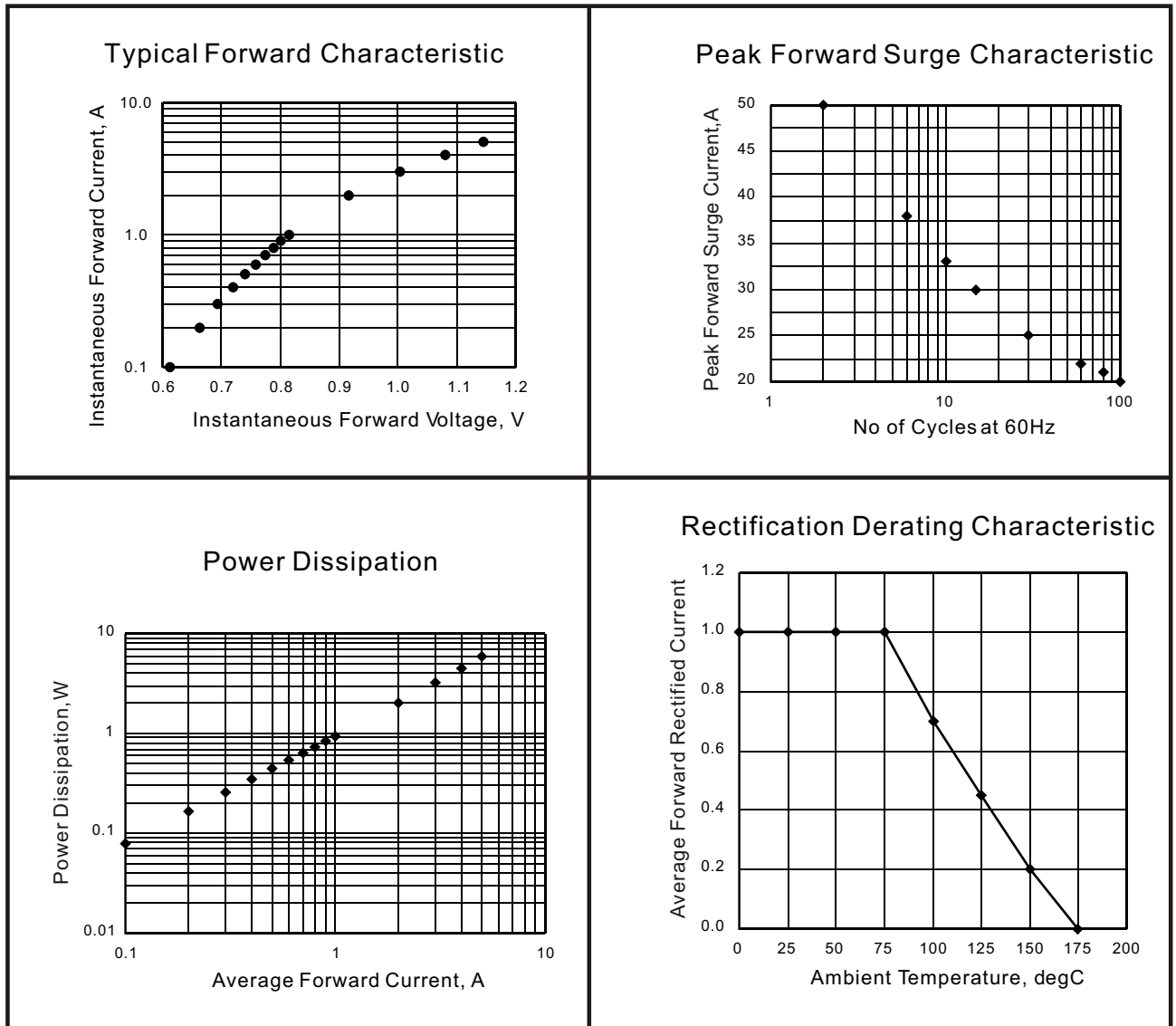
Item	Bulk Packing	Tape & Reel Packing	Ammo Packing
Quantity	1,000 Pieces Per Inner Box	5,000 Pieces Per Reel	5,000 Pieces Per Box
Inner Box	208 X 88 X 27 mm	-	252 X 84 X 145mm
Gross Weight	360g per k pcs	2.2kg Per Reel	1.7kg per Box
Carton Quantity	50,000 Pieces Per Carton	40,000 Pieces Per Carton	50,000 Pieces Per Carton
Carton	450 X 285 X 220 mm	350 X 350 X 660 mm	430 X 265 X 300 mm
Gross Weight	18kg	18kg	18kg

■ Tolerance:  $\pm 0.10\text{mm}$ , unless specified



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 ZQCOSIN40V2

## ■ CHARACTERISTICS



Characteristic data From Tests at the CHINA ELECTRONIC PRODUCT RELIABILITY & ENVIRONMENTAL TESTING RESEARCH INSTITUE