

Plastic Fast Recover High Voltage Rectifier

Reverse Voltage: 4~8kV Forward Current: 5.0mA

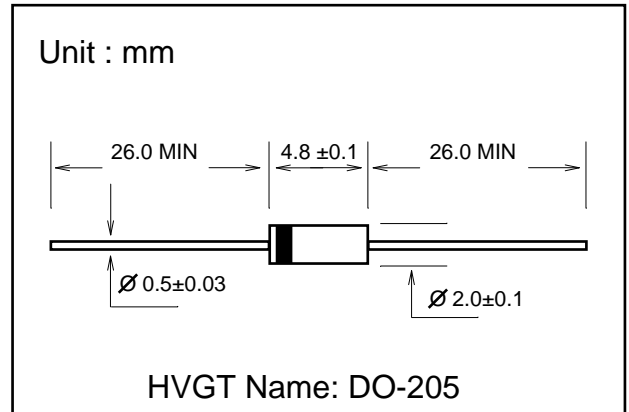
■ Features:

- Supersmall size
- High reliability
- High speed switching
- RoHS corresponding products

■ Purpose:

- Rectification for high voltage power supply of color T.V.
- Rectification for high voltage power supply of CRT display
- Air Clean Car
- Others

■ Shape Size:



■ Maximum Ratings & Thermal Characteristics : Ta=25

Item	Symbol	ZB04	ZB08	Unit
Repetitive Peak Reverse Voltage	V_{RRM}	4.0	8.0	kV
Average Forward Current	$I_{F(AV)}$	5.0		mA
Non-Repetitive Forward Surge Current	I_{FSM}	0.5		A
Ambient Temperature	T_{amb}	-40~+125		
Virtual Junction Temperature	T_J	120		
Storage Temperature	T_{stg}	-40~+125		

■ Electrical Characteristics: Ta=25

Item	Symbol	ZB04	ZB08	Unit
Forward Voltage Drop ($I_F=10mA$)	V_F	18	25	V
Normal Temperature Reverse Current ($T_a=25$ $V_R=V_{RRM}$)	I_{RM1}	2.0		uA
High Temperature Reverse Current ($T_{oil}=100$ $V_R=V_{RRM}$)	I_{RM2}	5.0		uA
Reverse Recovery Time $I_F=2mA$ $I_{rp}=4mA$	T_{rr}	100		nS