

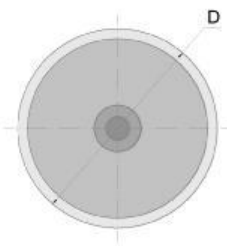
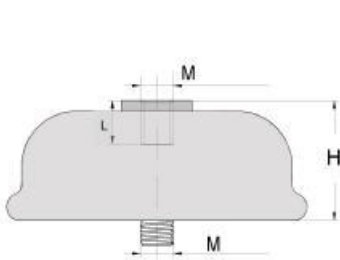
YZPST-HVSS-5KV/5.0A High Voltage Silicon Stack



FEATURES

- Using the tube core combination technology level of the most advanced production.
- Low leakage current, low power, -40 operating junction temperature C to + 175 degrees C degrees.
- Excellent anti instantaneous large current impact resistance and reverse avalanche characteristics.
- Original heat conduction performance, efficient heat dissipation design.
- General and different shapes and sizes to choose or custom.
- In the circuit in high voltage rectifier, isolation, protection effect.

DEVICE ELECTRICAL CHARACTERISTICS (25°C ambient temperature unless stated otherwise)	CONDITIONS	SYMBOL	5KV/5.0A
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	5KV
Peak Reverse Working Voltage		V_{RWM}	5KV
Average Forward Current Maximum		I_O	5.0A
Maximum Surge Current Rating		I_{FSM}	150A
Maximum Forward Voltage Drop	@5A	V_{FM}	6.0V
Peak Reverse Current	@25°C	I_{RRM}	5.0uA
Maximum Junction Temperature		T_J	150°C
Storage Temperature Range		T_{stg}	-40~+150°C



Symbol	Size	
D	85	mm
H	30	mm
L	10	mm
M	8	mm