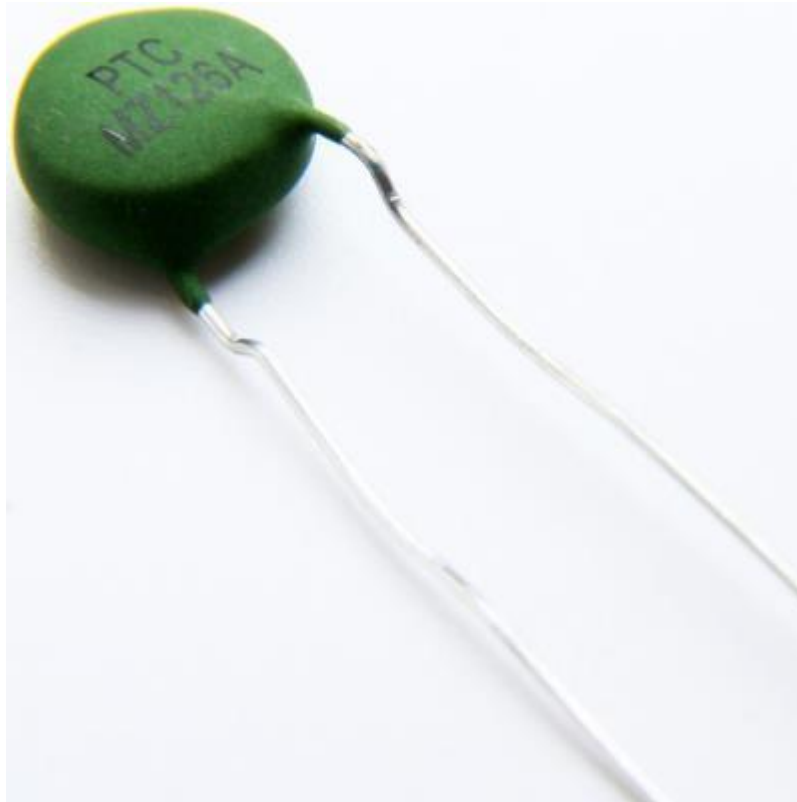


MZ126A

AOLITTEL Aolittel Technology Co.,Ltd



MZ126A PTC Thermistor Positive Temperature Coefficient Thermal Resistance 12R 2A 270V For Inverter Welder

Main Parameters

Coating: silicone

Color: Green

Lead shape : In-forming

Marking : PTC MZ126A

Resistance at 25C : $12\Omega \pm 30\%$

Operating current (non-action current): 25°C /170mA 60°C /130mA 60mins no action

Action current (protection current) : 25°C 340mA < 300s action

Max. current :2.0A $\Delta R/R_n \leq 20\%$

Withstand voltage: $\geq 270V$ $\Delta R/R_n \leq 20\%$

Dimension (mm)

Dmax	10mm
Hmax	5mm
F	5mm
d	Φ0.5mm
h	4mm

Working Principle

Connect the PTC thermistor in series in the load circuit. When the circuit is in normal working condition, the current through the PTC thermistor is less than the rated current. The PTC thermistor is in the normal state and the resistance is small, which will not affect the normality of the protected circuit. jobs. When the circuit fails, the current greatly exceeds the rated current (2 times of the normal working current), and the PTC thermistor suddenly heats up, showing a high resistance state, so that the circuit is in a relatively "off" state for protection purposes. When the fault is removed, the PTC thermistor automatically returns to a low impedance state and the circuit resumes normal operation.

Application

Inverter welding machine is more and more popular in the world since technology required for manufacturing, however, good protection can assured inverter welding machine functioning well for long term. We can supply all set of components for overcurrent protection / overvoltage protection. Below is lists we supplying our customers for your ref:

Varistor	07D361K 10D471K 10D681K 14D330K 14D151K 14D221K 14D391K 20D820K 20D102K 20D121K 20D121K 20D391K 20D471K 25D431K 25D751K 25D681K 25D821K 32D431K 25D751K 32D681K 32D821K
PTC Thermistor	126A 15P 16P 16P5R0M265 08M12RM265 05M120-180 19P MZ72-18ROM MZ11-13N13-20 MZ12-16P2R1H140,MZ12-16P4R7H140,MZ11- 16P5R0H265,MZ11-16P6R0H265,MZ11-16P7R0H265,MZ11- 16P10RH265,MZ11-16P12RH265,MZ72-18RM
NTC Thermistor	2.5D-20 5D-20 8D-20 47D-15 2.5D-15 47D-20
Fuse	Glass fuse/Ceramic fuse 3.6x10mm/5x20mm/6.35x31.8mm/10x38mm STP/SFP/BTC/BFC/BMT/BMF/PTU/PFU Micro Fuse MTS/MFS/NTS/NFS/TMS/FMS 8x4x8mm Surface Mount Fuse 6125 2410 SET/SEF/SFE/STE/SST/SSF