Resistors

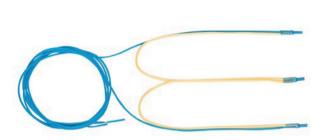
KLS electronic

PTC Thermistors Resistors

L-KLS6-MZ6 MZ6 motor protection PTC thermistor

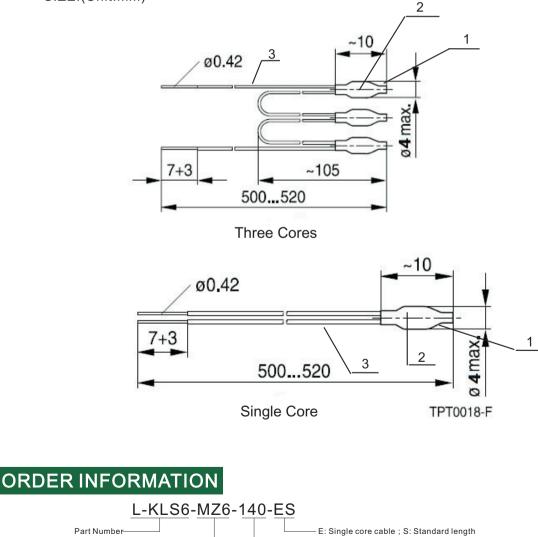
Material:

- 1.Heat Shirnkable Sleeving:PVDF
- 2.PTC Resistor:BaTiO3 Ceramic (Packed by Silicone Resin)
- 3.Wire:Fluorine Plastic High-temp. Wire



SIZE:(Unit:mm)

MODEL: MZ6 SERIES



Temperature





PTC Thermistors Resistors

L-KLS6-MZ6 MZ6 motor protection PTC thermistor

ELECTRIC PROPERTY

ltem	Specification		
	Single Core	Three Cores	Test Method
Max. Working Voltage	U _{max} =25V	U _{max} =25V	
Rated Operating Temperature	TK=60℃-180℃	TK=60℃-180℃	
TK Tolerance	±5°C	±5°C	
TK Repeatability	$\triangle T=\pm 0.5$ °C	$\triangle T=\pm 0.5$ °C	
Normal Temp. Resistance	$R_{25} \leqslant 100 \Omega$	R ₂₅ ≤300 Ω	By digital multimeter in room temp. $25^{\circ}C \pm 1$ Measuring voltage \leq DC2.5V
TK-5℃ Resistance	$R_{TK-5} \leqslant 550 \Omega$	R _{TK-5} ≤1650Ω	By digital multimeter in high-temp. tak Measuring voltage \leq DC2.5V
TK+5℃ Resistance	$R_{TK+5} \ge 1330 \Omega$	R _{TK+5} ≥3990 Ω	By digital multimeter in high-temp. tagMeasuring voltage \leq DC2.5V
TK+15℃ Resistance	$R_{TK+15} \ge 4k \Omega$	$R_{TK+15} \ge 12k \Omega$	By digital multimeter in high-temp. taMeasuring voltage $\leq DC2.5V$
TK Actuation Time	T _D <5s	T _D <5s	By Timer
Dielectric Dtrength	2.5kV	2.5kV	By High Voltage Tester
Max. Storage Temperature	180°C	180°C	
Min. Storage Temperature	-40°C	-40°C	
Wire Color	Please see 1.1		
Weight	<3g	<5g	
Appearance	Wire without scar, crack; No burr in shrinkage sleeve		Visual Check

E: Single core cable ; S: Standard length

------ Temperature



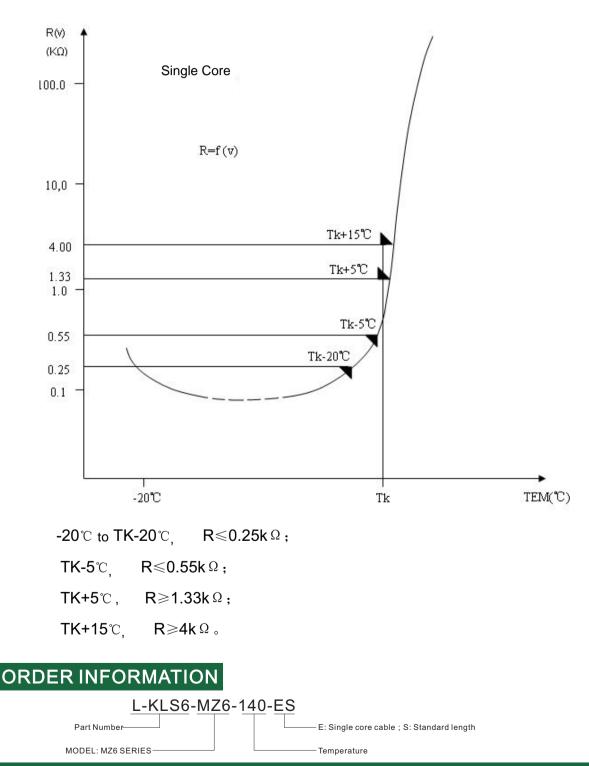
Resistors



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L-KLS6-MZ6 MZ6 motor protection PTC thermistor

Resistance temperature characteristic curve



All specification & dimensions are subject to change, please call your nearest KLS sales represesntative for update information