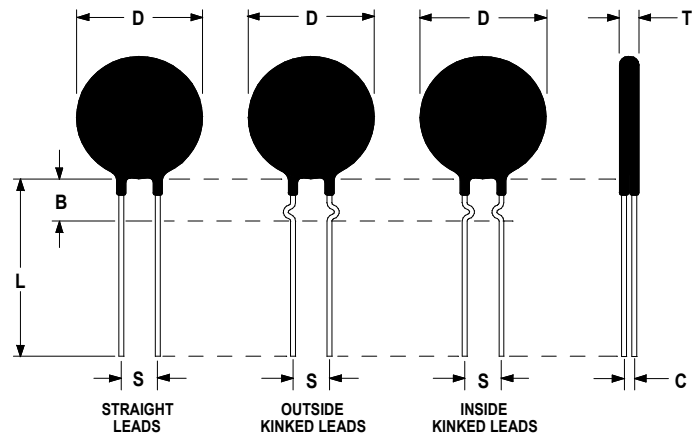


### Mechanical Specifications

D	22.0 mm Max
T	5.5 mm Max
Lead Diameter	1.0 mm Nom
S	7.8 mm Nom
L	38.0 mm Nom
B	9.0 mm $\pm$ 1.0mm
C	3.5mm $\pm$ 0.2mm
Straight Leads	Standard



### Electrical Specifications

Resistance @ 25°C	7.0 $\Omega$ $\pm$ 25%
Transition Temp	120° C
Max voltage Rating	350 Vdc
Max Energy Rating @ 4700 $\mu$ F	250J
Switch Current @ 0°C	1.0 A
Switch Current @ 25°C	0.880 A
Switch Current @ 50°C	0.700 A
Continuous Current @ 0°C	0.500 A
Continuous Current @ 25°C	0.440 A
Continuous Current @ 50°C	0.350 A
Heat Capacity	2.0 Joules/°C
Dissipation Constant	22.50 mW/°C
Thermal Time Constant	65.0 seconds
Max Body Temp. @ Max Voltage	152°C
Residual Current @ Max Voltage	16 mA

Rev.	Date	Change
0	12/6/17	Issue
1	2/8/19	Update Specs, add r/t table

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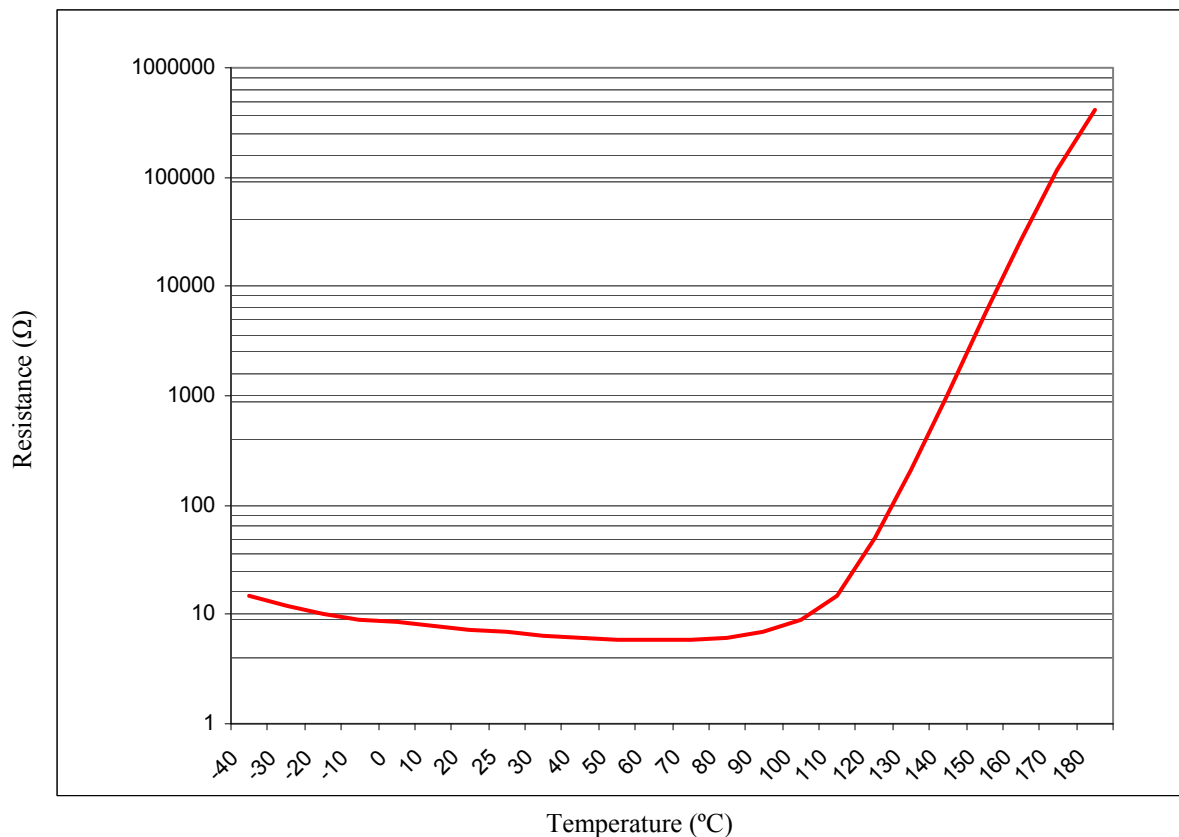
**Reliability Delivered On Time**



DATA SHEET  
P/N: CL20 7R0120

Zero Power Resistance vs. Temperature Curve

TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°C)	RESISTANCE (Ω)
-40	14.6	70	5.9
-30	12.1	80	6.1
-20	10.2	90	6.9
-10	9.1	100	8.8
0	8.5	110	14.8
10	8.0	120	51.1
20	7.2	130	213
25	7.0	140	1003
30	6.4	150	5,650
40	6.1	160	26,960
50	5.9	170	119,000
60	5.8	180	417,000



**Reliability Delivered On Time**