AMETHERM
Circuit Protection Thermistors

DATA SHEET

Part Number: SL15 80003

Ordering Different Lead Types:

Inside Kinked Leads	Use **-A** after Ametherm's part #
Outside Kinked Leads	Use **-B** after Ametherm's part #

For example: to order an inside kinked lead use part number <u>SL15 80003-**A**</u>

| STRAIGHT LEADS | OUTSIDE KINKED LEADS | INSIDE KINKED LEADS | |

Electrical Specifications:

Resistance @ 25°C	80.0 Ω ± 25%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	30.0 J
Actual Failure Point of Instantaneous Energy (Joules)	60.0 J
Resistance @ 100% of Max Current	0.53 Ω
Resistance @ 50% of Max Current	1.00 Ω
Body Temperature @ 100% Current Rating	184 °C
Dissipation Constant	18mW/°C
Thermal Time Constant	54 seconds
Material Type	"M"
Max Recommended Capacitance @ 120VAC/265VAC	3000μF/750μF

Mechanical Specifications:

D	15.0 ± 0.5 mm
T	5.0 ± 0.2 mm
Lead Diameter	0.8 ± 0.1 mm
S	7.8 ± 0.30 mm
L	38.0 ± 1.5 mm
Straight Leads Coating Run Down	Standard
B	7.50 ± 0.70 mm
C	3.60 ± 0.40 mm
Coating Run Down on the Straight Leads	5.00 ± 0.5 mm

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