

DC 061-Z3

Regen Resistor

Operating Manual

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Translation from German

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Regen Resistor

DC 061-Z3

Power resistor in thick-film technologies on steel substrate

- pulse resistant
- low inductivity
- easy installation
- Fabricated connector
MOLEX 042816-0212



Contents

- 1 Technical Data 3**
 - 1.1 Specifications 3**
 - 1.2 Power Resistor Dimensions 3**
 - 1.3 Miscellaneous 3**
 - 1.4 Mechanical Dimensions 4**
 - 1.5 Connector Layout 5**

1 Technical Data

1.1 Specifications

Resistance value	15 Ω
Tolerance	± 10 %
Temperature coefficient	150 ppm/ $^{\circ}$ C
Maximum operating voltage	+1000 V DC
Withstand voltage of the isolation	2.5 KV DC, 60 s at 50 Hz
Stability (maximum $\Delta R/R$)	± 20 %
Inductivity	< 6 μ H
Temperature range (operation/storage)	-50 ... +200 $^{\circ}$ C/-40 ... +105 $^{\circ}$ C
Tightening torque (Locking screws)	6 Nm
Cover	glass
Protection type	IP00
Connection type	connector plug Molex 042816-0212 cable length 250 mm
Nominal power	100 W (heat sink necessary)
Mounting	M5
Weight	20 g (resistor)

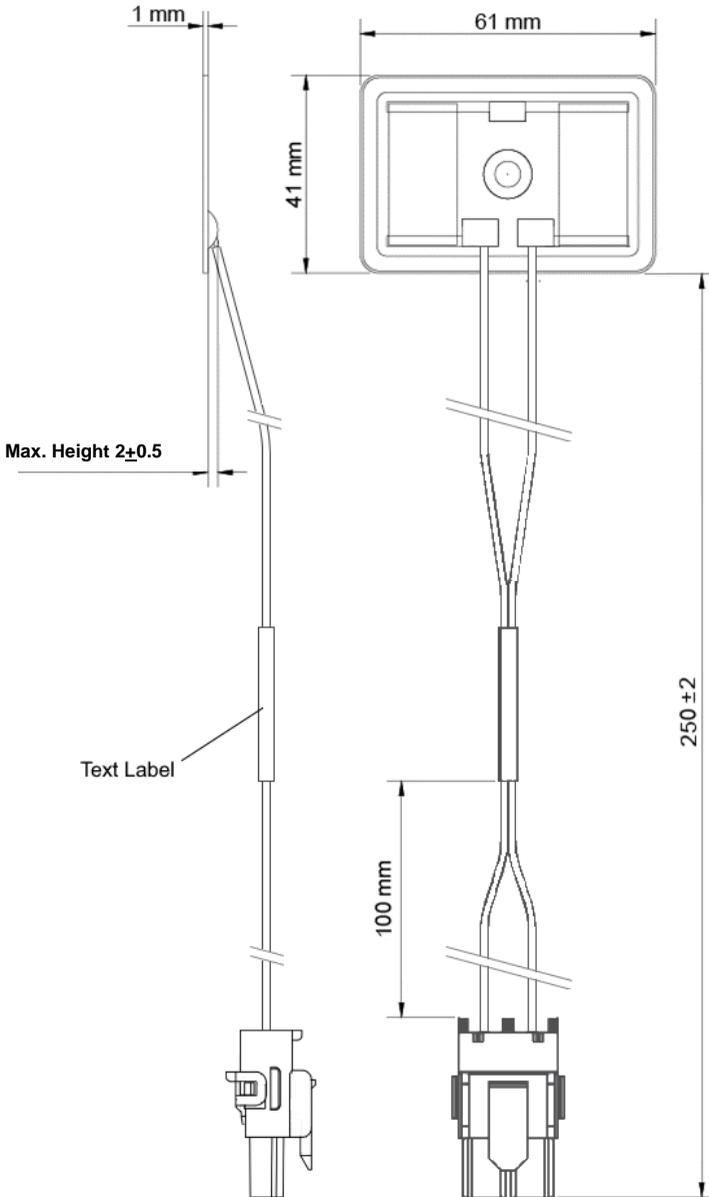
1.2 Power Resistor Dimensions

Length	61.0 mm
Width	41.0 mm
Thickness	1.0 mm

1.3 Miscellaneous

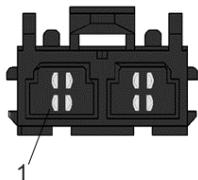
Article number	20-014-061-Z3
Text Label	3842 560 524-BR

1.4 Mechanical Dimensions



1.5 Connector Layout

2-pin Molex Mini-Fit Sr. RM 10:



Pin	Function
1	Regen resistor pin 1
2	Regen resistor pin 2

Documentation Changes

Change date	Affected page(s)	Chapter	Note