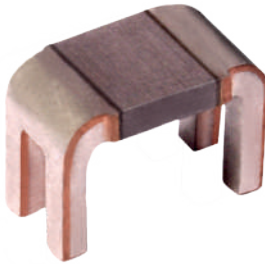




## ISA-WELD® // PRECISION RESISTORS



### BVH // Size 3820



#### Features

- Power rating up to 5 W
- Continuous current load up to 130 A (0.3 mOhm)
- Heavy copper connectors
- Excellent long-term stability
- Max. solder temperature up to 350 °C / 30 sec



#### Applications

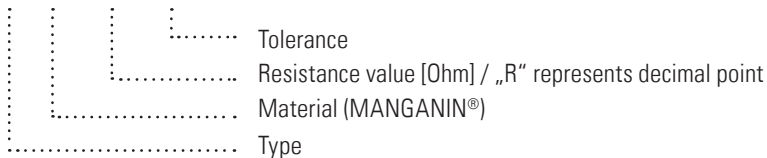
- High current applications for the automotive market
- Frequency converters
- Power modules
- Power tools

#### Technical data

Resistance values	<b>mOhm</b>	0.3	0.5
Tolerance	<b>%</b>	3.0 / 5.0	
Temperature coefficient (20-60 °C)	<b>ppm/K</b>	<300	
Applicable temperature range	<b>°C</b>	-55 to +170	
Power rating <b>P<sub>135 °C</sub></b>	<b>W</b>	5	
Internal heat resistance (R <sub>thi</sub> )	<b>K/W</b>	4	7
Inductance	<b>nH</b>	<3	
Stability (at rated power) deviation after 2000h, T <sub>K</sub> = Terminal temperature		<0.5% (T <sub>K</sub> = 105 °C) <1.0% (T <sub>K</sub> = 135 °C)	

#### Ordering code

BVH - M - R0005 - 5.0



#### Packaging

3000 pcs. sealed in plastic bags. Evacuated and refilled with dry nitrogen