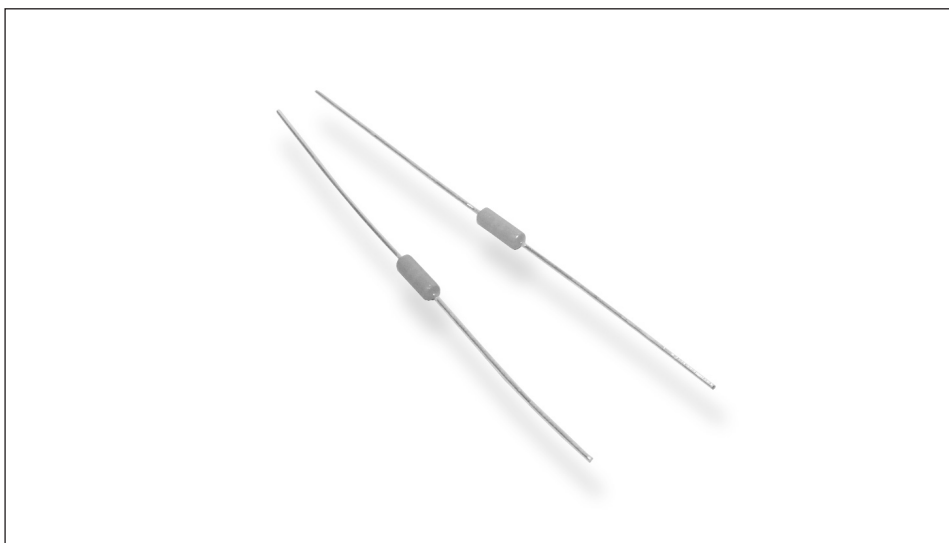


Type ZR Series

Key Features

- Suited to Automatic Insertion
- Withstand to 500 Volts
- Two Element Styles Available
- Available in Two Case Sizes

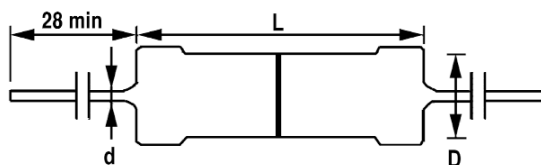


The TE Connectivity Series of Zerohm links are available in two standard case sizes and element types. No end caps are used for the steel element, terminations are welded directly on to the steel slug. For the Ceramic elements, tinned copper wire leads are welded onto end caps. This manufacturing process allows for very low resistance values to be achieved. The slugs are then finished by applying three coats of light brown epoxy resin.

Characteristics - Electrical

| | ZR0204 | ZR0207 |
|---|---------------------------------------|----------------------|
| Power Rating: | 0.125W | 0.25W |
| Current Rating: | 25A at 25°C derating to zero at 150°C | |
| Current Carrying Capacity: | Fusing rating of copper wire leads | |
| Resistance Max: | Steel - <0.002 ohms | Ceramic - <0.02 ohms |
| Operating Temperature Range: | -55°C to +125°C | |
| Climatic Category: | 55/155/56 | |
| Dielectric Strength: | 500 Volts | |
| Insulation Resistance Minimum Dry: | 10G Ohms | |

Dimensions



| Style | L Max | D max | d (nom) ±0.05 |
|--------|-------|-------|---------------|
| ZR0204 | 3.5 | 1.85 | 0.45 |
| ZR0207 | 6.8 | 2.5 | 0.54 |

Type ZR Series

Marking

Both ZR0204 Zerohm Links and ZR0207 Zerohm Links are marked with a single narrow black band at the centre of the body.

Mounting

The resistors are suitable for processing on automatic insertion equipment and cutting and bending machines.

Packaging

ZR0204 Zerohm Links are axially taped and packed in boxes of 5000.

ZR0207 Zerohm Links are axially taped and packed in boxes of 4000.

How to Order

| ZR | 0204 | C | RL |
|-------------------|-------------------------------|--------------------------|------------------------|
| Common Part | Power Rating | Element | Packaging |
| ZR - Zerohm Links | 0204 - 0.125W 0207 - 0.25W | C - Ceramic T - Steel | - Boxed RL - Reeled |