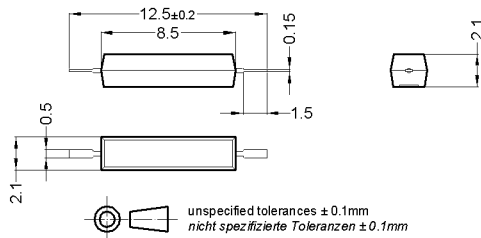
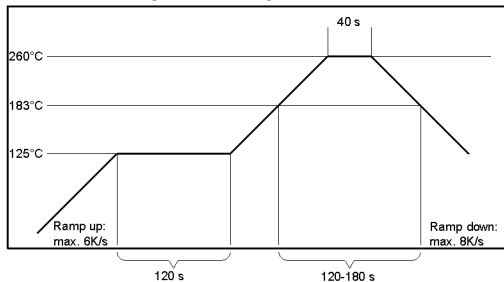
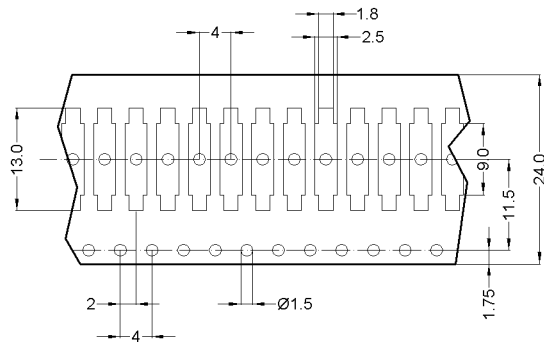


**Dimensions**

**Lötvorschrift / soldering information**

reflow soldering conditions according to JEDEC norm J-STD-020C


**Marking**

 Sensibility and DateCode  
 EN60062

**D YM**
**Tape and Reel Packaging (IEC 60286-3)**


| Magnetic properties                   | Conditions                                  | Min    | Typ | Max  | Unit |
|---------------------------------------|---------------------------------------------|--------|-----|------|------|
| Pull-In                               | at 20 °C                                    | 44     |     | 60   |      |
| Test equipment                        |                                             | KMS-11 |     |      |      |
| Pull-In in milliTesla (modified conta | MS150 -<br>phys. caused tolerance +/- 0.1mT | 2,8    |     | 3,15 | mT   |
| Test equipment                        |                                             | MS-150 |     |      |      |

| Contact data 80           | Conditions                                                           | Min     | Typ | Max | Unit |
|---------------------------|----------------------------------------------------------------------|---------|-----|-----|------|
| Contact-material          |                                                                      | Rhodium |     |     |      |
| Contact-rating            | Any DC combination of V & A<br>not to exceed their individual max.'s |         |     | 10  | W    |
| Switching voltage         | DC or Peak AC                                                        |         |     | 100 | V    |
| Carry current             | DC or Peak AC                                                        |         |     | 0,5 | A    |
| Switching current         | DC or Peak AC                                                        |         |     | 0,5 | A    |
| Contact resistance static | Measured with 40% overdrive<br>Start Value                           |         |     | 250 | mOhm |
| Breakdown voltage         | according to IEC 255-5                                               | 150     |     |     | VDC  |

| Special Product Data | Conditions | Min                | Typ | Max | Unit |
|----------------------|------------|--------------------|-----|-----|------|
| Housing material     |            | epoxy resin        |     |     |      |
| Material             |            | EN 60335-1 conform |     |     |      |

| Environmental data    | Conditions                  | Min                       | Typ | Max | Unit |
|-----------------------|-----------------------------|---------------------------|-----|-----|------|
| Shock                 | 1/2 sine wave duration 11ms |                           |     | 30  | g    |
| Vibration             | from 10 - 2000 Hz           |                           |     | 20  | g    |
| Operating temperature |                             | -40                       |     | 130 | °C   |
| Storage temperature   |                             | -50                       |     | 130 | °C   |
| Soldering temperature | wave soldering max. 5 sec.  | wave soldering max. 5sec. |     |     |      |
| Washability           |                             | fully sealed              |     |     |      |