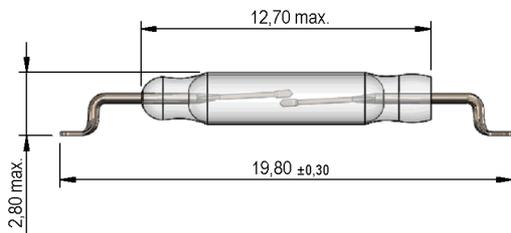


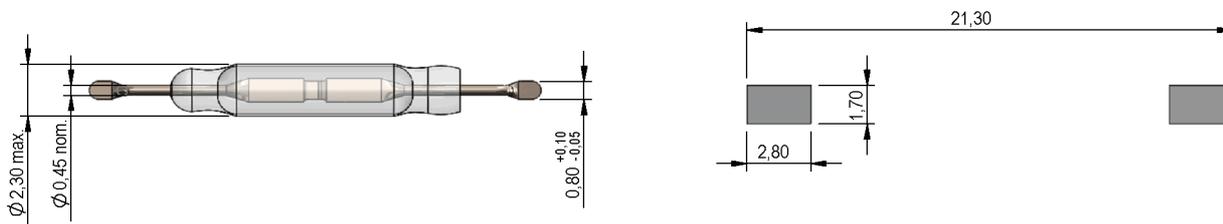
Dimensions mm[inch]
tolerances according to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



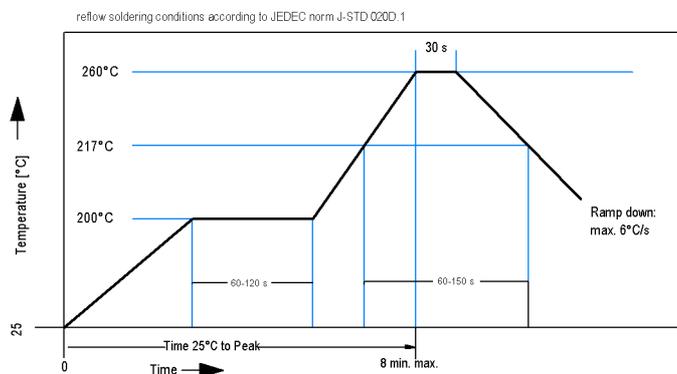
Isometric
Scale 2:1
Maßstab 2:1



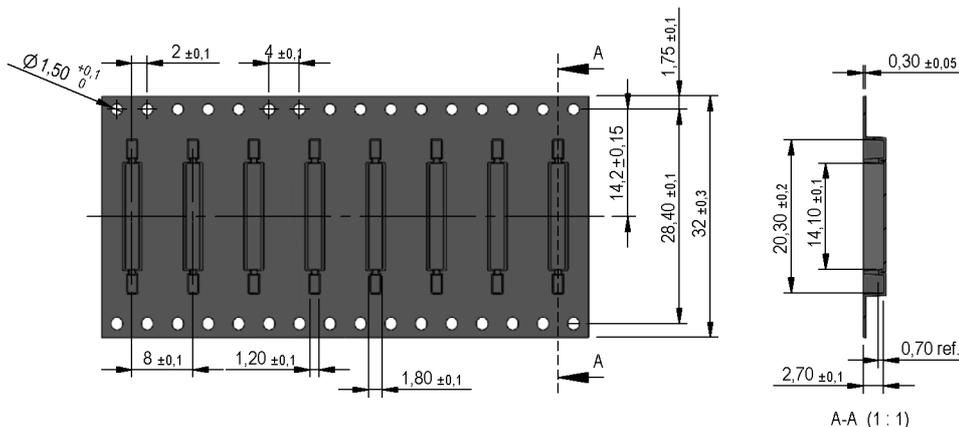
Recommended PCB Pad Layout



Solder Reflow Profile



Packaging



A-A (1 : 1)



Europe: +49 / 7731 8399 0

| Email: info@standexmeder.com

USA: +1 / 508 295 0771

| Email: salesusa@standexmeder.com

Asia: +852 / 2955 1682

| Email: salesasia@standexmeder.com

Item No.:

9231061520

Item:

MK23-501-C-2

| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|---------------------------------------|--|--------|-----|-----|------|
| Pull-In excitation (modified contact) | Reed switch modified phys. conditioned tolerance +/- 1 AT | 35 | | 54 | AT |
| Test equipment | | KMS-11 | | | |

| Contact data 06/2 | Conditions | Min | Typ | Max | Unit |
|---------------------------|------------|-----------|-----|-----|------|
| Contact - No. | | 06/2 | | | |
| Contact-form | | A | | | |
| Contact-material | | PGM-alloy | | | |
| Contact rating | | | | 10 | W |
| Switching voltage | | | | 200 | V |
| Switching current | | | | 0,5 | A |
| Carry current | | | | 1 | A |
| Contact resistance static | | | | 100 | mOhm |
| Insulation resistance | | 10 | | | GOhm |
| Breakdown voltage | | 250 | | | VDC |
| Operate time incl. bounce | | | | 0,5 | ms |
| Release time | | | | 0,1 | ms |
| Capacity | | | 0,3 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|-------------------------|------------|-----|-----|-----|------|
| Reach / RoHS conformity | | yes | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------------|------------------------------------|-----|-----|-----|------|
| Shock | 1/2 sine, duration 11ms, in 3 axis | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -40 | | 125 | °C |
| Storage temperature | | -50 | | 155 | °C |
| Soldering Temperature Tsold | Reflow acc.IPC/JEDEC J-STD-020D.1 | | | 260 | °C |

| General data | Conditions | Min | Typ | Max | Unit |
|--------------|------------|-----------------------|-----|-----|------|
| Packaging | | Tape & Reel 2500 pcs. | | | |

Modifications in the sense of technical progress are reserved

Designed at: 07.08.13 Designed by: WKOVACS

Approval at: 02.06.15 Approval by: DKUECHLER

Last Change at: Last Change by:

Approval at: Approval by:

Rev. No.: 01