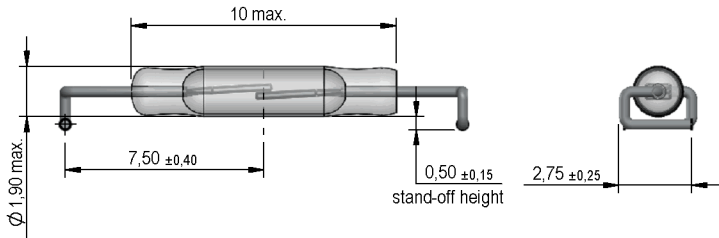


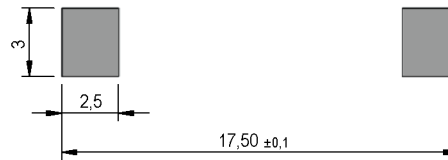
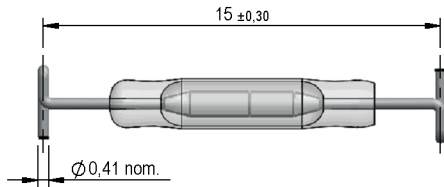
Dimensions mm[inch]
tolerances according to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



Isometric
Scale 2:1
Maßstab 2:1

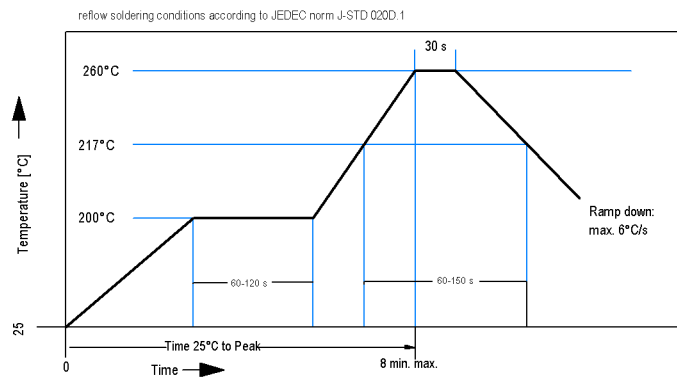


Recommended PCB Pad Layout



reed switch cut and bent symetrically to gap.
Reedschalter symmetrisch zur Spaltlage geschnitten und gebogen.

Solder Reflow Profile



Packaging

Tape & Reel (3000 to a Reel)



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.:
9235021015
 Item:
MK23-400-B-5
Helix

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	10		15	AT
Test-Coil	Reed switch unmodified	KMS-01			
Pull-In excitation (modified contact)	Reed switch modified phys. conditioned tolerance +/- 1 AT				AT
Test-Coil	Reed switch modified	KMS-			

Contact data 02/2	Conditions	Min	Typ	Max	Unit
Contact - No.		02/2			
Contact-form		A			
Contact-material		PGM-alloy			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			180	V
Switching current	DC or Peak AC			0.5	A
	DC or Peak AC			0.8	A
Contact resistance static				125	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	230			VDC
Operate time incl. bounce				0.5	ms
Release time	measured with no coil excitation				
Capacity	@ 10 kHz across open switch		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	wave soldering max. 5 sec.			260	°C

General data	Conditions	Min	Typ	Max	Unit
Packaging		Tape & Reel 3000 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 09/02/14 Designed by: WKOVACS
 Last Change at: Last Change by:

Approval at: 07/15/15 Approval by: HSINGH
 Approval at: Approval by:

Rev. No.: 01