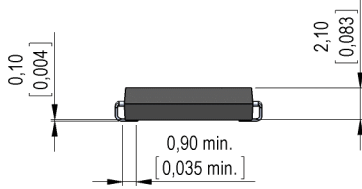


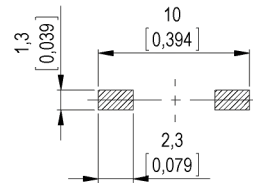
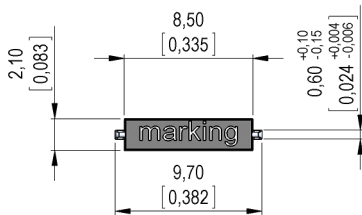
Dimensions mm[inch]
tolerances according to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



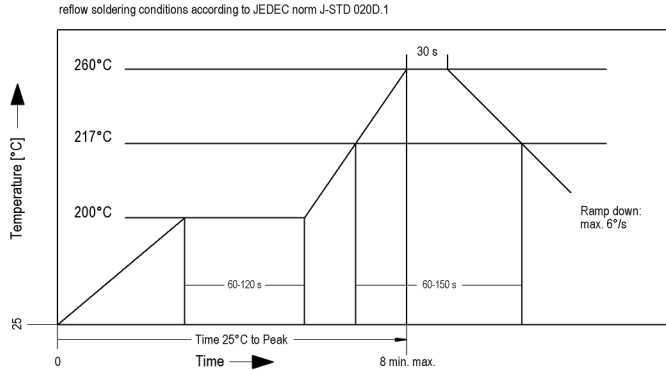
Isometric
Scale 2:1
Maßstab 2:1



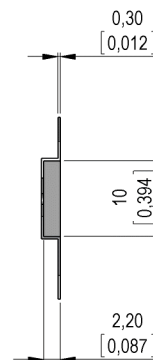
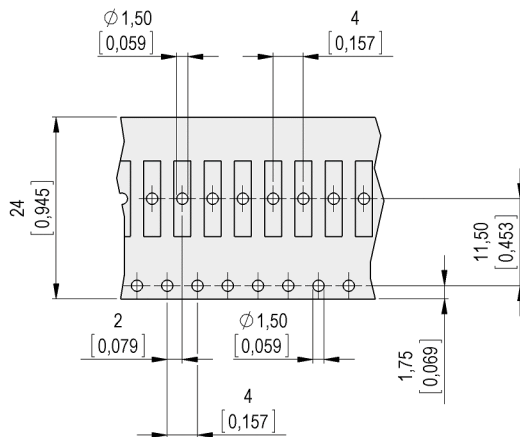
Recommended PCB Pad Layout



Solder Reflow Profile



Packaging





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.:
9171009034
 Item:
MK17-D-3 Bulk

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (modified contact)	Reed switch modified phys. conditioned tolerance +/- 1 AT	44		60	AT
Test equipment	Testing 100%	KMS-11			
Pull-In in milliTesla (modified contact)	MS150 - phys. caused tolerance +/- 0,1mT	2,8		3,15	mT

Contact data 80	Conditions	Min	Typ	Max	Unit
Contact-rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			170	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			0,5	A
Contact resistance static	Measured with 40% overdrive Start Value			200	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to EN 60255-5	210			VDC
Capacitance	@ 10 kHz above open switch		0,2		pF

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

Modified dimensions	Conditions	Min	Typ	Max	Unit
total length - SMD			9,7		mm

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		130	°C
Storage temperature		-55		130	°C
Soldering Temperature Tsold	Reflow acc.IPC/JEDEC J-STD-020D.1			260	°C

General data	Conditions	Min	Typ	Max	Unit
Packaging			Tape&Reel		
Component marking	general descripton		D		

Modifications in the sense of technical progress are reserved

Designed at: 13.04.16 Designed by: THAUKE
 Last Change at: Last Change by:

Approval at: 15.04.16 Approval by: MREIZNER
 Approval at: Approval by:

Rev. No.: 1