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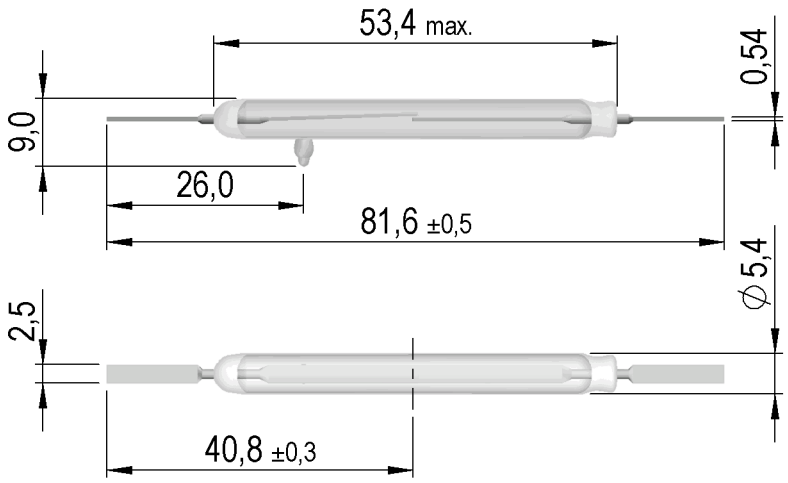
Item No.:
2118300120
Item:
KSK-1A83-100120

Preliminary Datasheet



tolerances according to DIN ISO 2768 m

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)	Reed switch unmodified measured in coil- "define operation"	110		120	AT
Test-Coil	Reed switch unmodified		KMS-04		

Contact data 83/1	Conditions	Min	Typ	Max	Unit
Contact-No.			83		
Contact-form			A		
Contact-material			Tungsten		
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			7.500	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Insulation voltage	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	10.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3,2	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		1		pF

Contact dimensions C	Conditions	Min	Typ	Max	Unit
Overall length	Tolerance according to drawing		81,6		mm
Glass body length	Tolerance according to drawing		53,4		mm

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		130	°C
Storage temperature		-55		130	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C