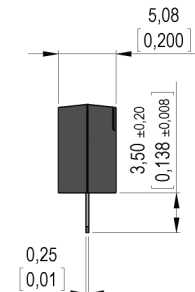
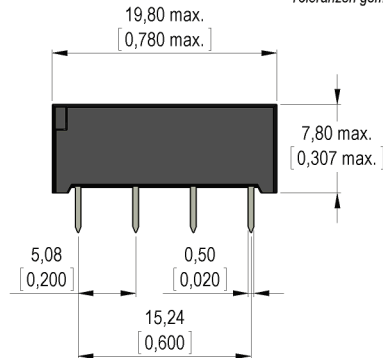


Preliminary Datasheet

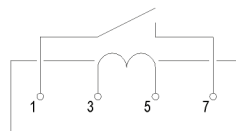
Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



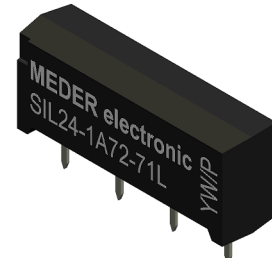
Layout

Top view
Draufsicht



Isometric

Scale 2:1
Maßstab 2:1



Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte

MEDER electronic
SIL24-1A72-71L YW/P

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.800	2.000	2.200	Ohm
Coil voltage			24		VDC
Rated power			288		mW
Coil current			12		mA
Thermal resistance			95		K/W
Inductance			220		mH
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			VDC

Contact data 66/3	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			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	250			VDC
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			TOhm
Housing material		epoxy resin			
Connection pins		CuFe2P, tin plated			
Approval		UL-File Nr. NRNT2.E156887			
Approval		UL-File No. NRNT8.E156887			
Reach / RoHS conformity		yes			



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Item No.:

3324100071

Item:

SIL24-1A72-71L

Preliminary Datasheet

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		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Packaging		Tube per 25 pcs.			
Total weight			1,6		g

Modifications in the sense of technical progress are reserved

Designed at: 04.03.04 Designed by: SCHELLHORN

Approval at: 19.09.12 Approval by: CRUF

Last Change at: 03.07.14 Last Change by: THAUKE

Approval at: Approval by:

Version: 3