MEDER electronic Products for foundation

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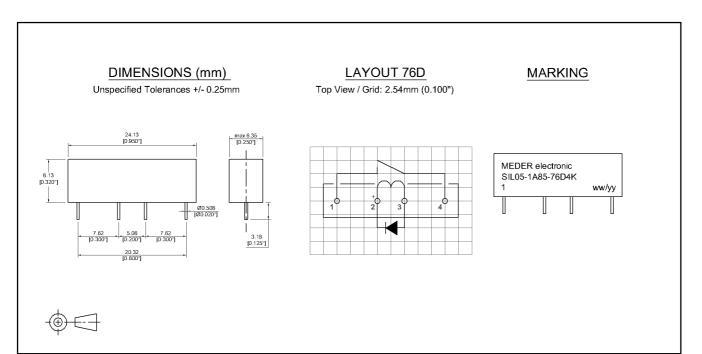
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3305185776

Item:

SIL05-1A85-76D4K



Coil Data at 20 ℃	Conditions	Min	Тур	Max	Unit
Coil resistance		135	150	165	Ohm
Coil voltage			5		VDC
Rated power			167		mW
Pull-In voltage				3,75	VDC
Drop-Out voltage		0.5			VDC

Contact Data 85	Conditions	Min	Тур	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			1	Α
Pulsed carry current	DC or Peak AC 5ms after coil excitation for 50ms max.			3	Α
Carry current	DC or Peak AC 100% Duty Cycle			2,5	Α
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (40-50 AT)	according to IEC 255-5	4			kV DC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Тур	Max	Unit
Dielectric Strength Coil/Contact	according to IEC 255-5	4			kV DC
Housing material		Nylon 6/6			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

Environmental data	Conditions	Min	Тур	Max	Unit	
Shock	1/2 sine wave duration 11ms			50	g	
Vibration	from 10 - 2000 Hz			20	g	
Operating temperature		-20		70	°C	
Storage temperature		-20		90	°C	
Soldering temperature	wave soldering max. 5 sec.			260	°C	
Washability			fully sealed			

Version:

04

Modifications in the sense of technical progress are reserved

Designed at: 04.09.08 Designed by: RPYPEC Approval at: 04.09.08 Approval by: TLANE
Last Change at: 28.06.11 Last Change by: KSTOPPEL Approval at: 28.06.11 Approval by: CRUF