MEDER

Europe: +49 / 7731 8399 0

USA: +1 / 508 295 0771

Asia: +852 / 2955 1682

| Email: info@meder.com

| Email: salesusa@meder.com

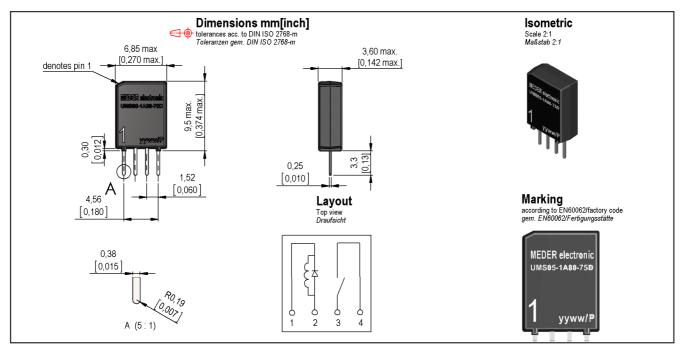
| Email: salesasia@meder.com

Item No.:

4305180175

Item:

UMS05-1A80-75D



Coil Data at 20 °C	Conditions	Min	Тур	Max	Unit
Coil resistance			400	440	Ohm
Coil voltage			5		VDC
Rated power			62,5		mW
Pull-In voltage				3,75	VDC
Drop-Out voltage		0,5			VDC

Contact data 80	Conditions	Min	Тур	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	А
Carry current	DC or Peak AC			1	А
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			TOhm
Breakdown voltage	according to EN 60255-5	210			VDC
Operate time incl. bounce	measured with 40% overdrive			0,2	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz above open switch		0,2		pF

Special Product Data	Conditions	Min	Тур	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Housing material		mineral-filled epoxy			
Connection pins		C194 tinned			
Magnetic Shield		Internal Magnetic Shield			

Environmental data	Conditions	Min	Тур	Max	Unit	
Shock	1/2 sine, duration 11ms, in 3 axis			50	g	
Vibration	from 10 - 2000 Hz			20	g	
Operating temperature		-20		85	°C	
Storage temperature		-35		100	°C	
Soldering temperature	wave sodering max. 5 sec.			260	°C	
Washability			fully sealed			

Rev. No.: 08

Modifications in the sense of technical progress are reserved

Designed at: 01.11.10 Designed by: MAPODACA Approval at: 17.03.11 Approval by: TLANE Last Change at: 08.11.12 Last Change by: DRUDOLF Approval at: 08.11.12 Approval by: DRUDOLF