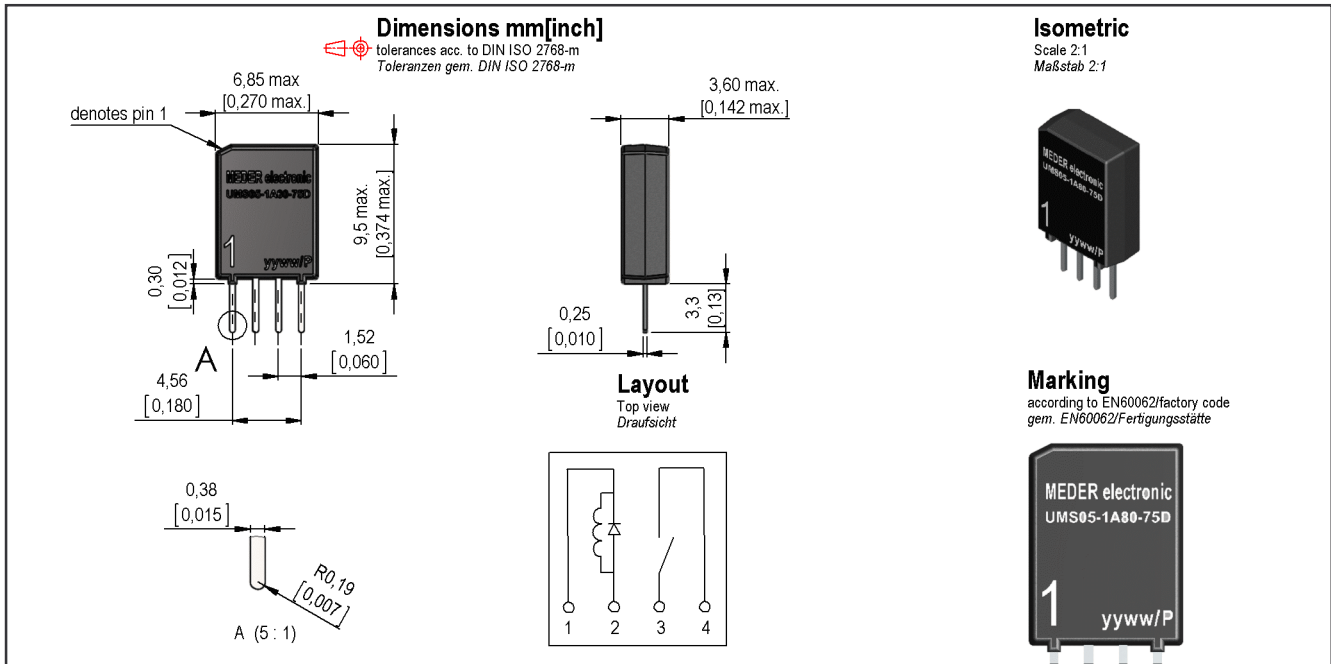




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Item No.:  
**4305180175**  
 Item:  
**UMS05-1A80-75D**

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



Coil Data at 20 °C	Conditions	Min	Typ	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	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			1	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			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	Typ	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	Typ	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 soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 01.11.10 Designed by: MAPODACA  
 Last Change at: 08.11.12 Last Change by: DRUDOLF

Approval at: 17.03.11 Approval by: TLANE  
 Approval at: 08.11.12 Approval by: DRUDOLF

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