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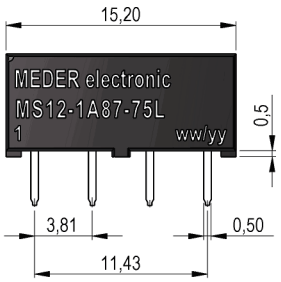
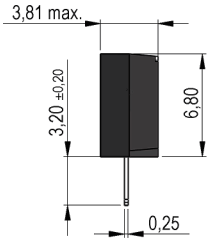
Item No.:
4212187075
Item:
MS12-1A87-75L

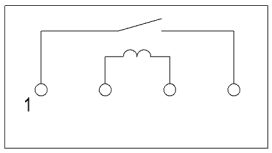
Dimensions mm[inch]
tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m





Isometric
Scale 1:2
Maßstab 1:2

Layout
Top view
Draufsicht



Marking
according to EN60062/factory code
gem. EN60062/Fertigungsstätte

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		630	700	770	Ohm
Coil voltage			12		VDC
Rated power			205		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 87	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
Insulation resistance	RH <45 %, 100V - to all points	100	1.000		GOhm
Breakdown voltage	according to EN 60255-5	225			VDC
Operate time incl. bounce	measured with 40% overdrive			0,6	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	Typ	Max	Unit
Number of contacts		1			
Contact - form		A - NO			
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC Measuring Voltage	1	10		TOhm
Case colour		black			
Housing material		epoxy resin			
Connection pins		FeNi-alloy tin plated			
Magnetic Shield		no			
Reach / RoHS conformity		yes			

Designed at: 03.11.17 Designed by: WKOVACS Approval at: 19.11.17 Approval by: DSTASTNY
Last Change at: Last Change by: Approval at: Approval by: **Version:** 04

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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		Plastic tube			

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