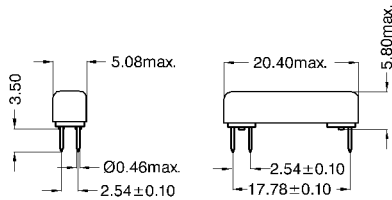


DIMENSIONS (mm)

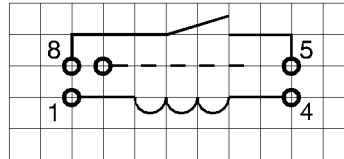


Pins: Ømax. 0.46 mm
 L = 3.5±0.3 mm
 Material: Cu-alloy tinned

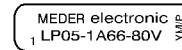


LAYOUT

pitch 2.54 mm/Top view



MARKING



MEDER-Label
 Type
 Production code,
 EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		207	230	253	Ohm
Coil voltage			5		VDC
Rated power			109		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,8			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-No.		66			
Contact-form		A-NO			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<21 AT)	DC or Peak AC			180	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 VDC test voltage	10			TOhm
Breakdown voltage (<21 AT)	according to IEC 255-5	200			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			TOhm
Insulation voltage Coil/Contact	according to IEC 255-5	800			kV DC
Housing material		Metal			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-25		85	°C

Modifications in the sense of technical progress are reserved

Designed at: 25.09.06 Designed by: WKOVACS
 Last Change at: 26.08.09 Last Change by: DSTASTNY

Approval at: 26.08.09 Approval by: DSTASTNY
 Approval at: 26.08.09 Approval by: DSTASTNY

Version: 04



Products for tomorrow...

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Item No.:
1205100800
Item:
LP05-1A66-80V
LP05-1A71-80V

Environmental data	Conditions	Min	Typ	Max	Unit
Soldering temperature	wave soldering max. 5 sec.			260	°C
Cleaning		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 25.09.06 Designed by: WKOVACS
Last Change at: 26.08.09 Last Change by: DSTASTNY

Approval at: 26.08.09 Approval by: DSTASTNY
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Version: 04