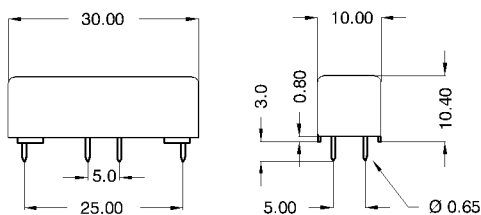


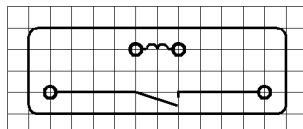
DIMENSIONS (mm)



Pins: Ø0.65 mm
 L = 3.0±0.3 mm
 Material: Cu-alloy tinned

LAYOUT

pitch 2.5 mm/Top view



MARKING

MEDER JMP
 LI05-1A79

MEDER-Label, Type
 Production code,
 EN60062/Factory code



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		180	200	220	Ohm
Coil voltage			5		VDC
Rated power			125		mW
Coil current			25		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		74		K/W
Inductance			45		mH
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 79	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			25	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			2	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage (>25 AT)	according to IEC 255-5	2,5			kV DC
Operate time incl. bounce	measured with 40% overdrive			0,8	ms
Release time	measured with no coil excitation			0,4	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			TOhm
Capacity Coil/Contact	@ 10 kHz		0,9		pF
Case colour			blue		
Housing material			PBT glass fibre reinforced	V-O acc.to. UL94	
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield			no		
Reach / RoHS conformity			yes		



Products for tomorrow...

Europe: +49 / 7731 8399 0

| Email: info@meder.com

USA: +1 / 508 295 0771

| Email: salesusa@meder.com

Asia: +852 / 2955 1682

| Email: salesasia@meder.com

Item No.:

1605179000

Item:

LI05-1A79

Environmental data	Conditions	Min	Typ	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		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			4,6		g
Packaging		Tube per 16 piece			

Modifications in the sense of technical progress are reserved

Designed at: 15.07.08 Designed by: ALICHTENSTEIN Approval at: 04.09.09 Approval by: KOLBRICH

Last Change at: 02.10.09 Last Change by: SERVICES_EUROPE Approval at: 09.10.09 Approval by: KOLBRICH

Version: 04