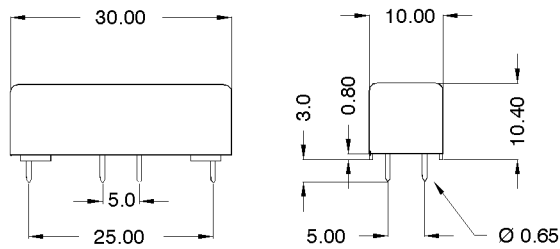


DIMENSIONS (mm)

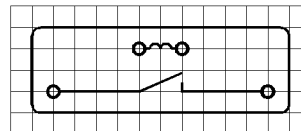


Pins: Ø0,65 mm
 L = 3.0±0.3 mm
 Material: Cu-alloy tinned



LAYOUT

pitch 2.5 mm/Top view



MARKING

MEDER J/M/P
LI12-1A66

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

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.080	1.200	1.320	Ohm
Coil voltage			12		VDC
Rated power			119		mW
Coil current			999		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		999		K/W
Inductance			999		mH
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (>20 AT)	DC or Peak AC			200	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 (>20 AT)	according to IEC 255-5	225			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	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 IEC 255-5	4,25			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Capacity Coil/Contact	@ 10 kHz		999		pF
Case colour					
Housing material			PBT glass fibre reinforced		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield					
Reach / RoHS conformity			yes		

Modifications in the sense of technical progress are reserved



Products for tomorrow...

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Item No.:
1612166000
Item:
LI12-1A66

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		-20		90	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

General data	Conditions	Min	Typ	Max	Unit
Total weight			999		g
Packaging					

Modifications in the sense of technical progress are reserved

Designed at: 15.03.07 Designed by: MPOTUZAK
Last Change at: 07.09.09 Last Change by: KSCHIELENSKI

Approval at: 24.03.07 Approval by: DSTASTNY
Approval at: 07.09.09 Approval by: KSCHIELENSKI

Version: 03