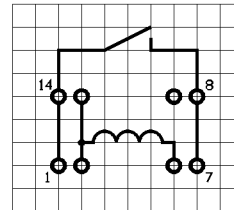
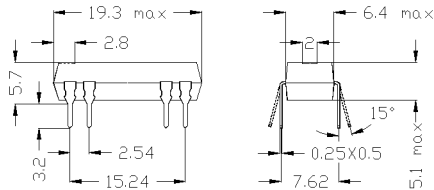


Belegung / layout : 12L



Aufdruck / marking :

MEDER electronic  
 DIP05-1A72-12L

Raster / pitch 2.54  
 Ansicht von oben / top view

dimensions / Abmessungen (mm)  
 tolerances acc. to DIN ISO 2768-m

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Coil voltage			5		VDC
Rated power			50		mW
Coil current			10		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		112		K/W
Inductance			35		mH
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			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	5			TOhm
Breakdown voltage (>20 AT)	according to IEC 255-5	0,5			kV DC
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	1,5			kV DC
Insulation resistance Coil/Contact	40°C, 95% R.H.	5			TOhm
Capacity Coil/Contact	@ 10 kHz		1		pF
Case colour			black		
Housing material			epoxy resin		
Connection pins			FeNi-alloy tin plated		
Magnetic Shield			no		
Reach / RoHS conformity			yes		
Approval			UL File No. NRNT2.E156887		
Approval			UL File No. NRNT8.E156887		

Modifications in the sense of technical progress are reserved

Designed at: 07.04.04 Designed by: SCHELLHORN  
 Last Change at: 07.04.04 Last Change by: SCHELLHORN

Approval at: 28.08.09 Approval by: KOLBRICH  
 Approval at: Approval by:

Version: 01



*Products for tomorrow...*

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Item No.:  
**3205100012**  
Item:  
**DIP05-1A72-12L**

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			1,4		g
Packaging		Tube per 25 piece			

Modifications in the sense of technical progress are reserved

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Last Change at: 07.04.04    Last Change by: SCHELLHORN

Approval at: 28.08.09    Approval by: KOLBRICH  
Approval at:                    Approval by:

Version: 01