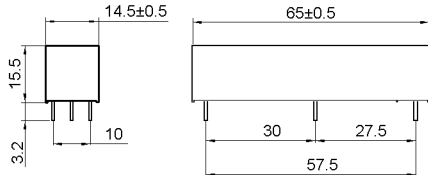


DIMENSIONS (mm)



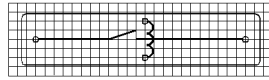
PINS

Pins:  $\varnothing 0.8$  mm  
 L =  $3.2 \pm 0.3$  mm



LAYOUT

pitch 2.5 mm/Top view



MARKING



MARKING

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

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		420	465	512	Ohm
Coil voltage			24		VDC
Rated power			1.240		mW
Thermal Resistance			26		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		2			VDC

Contact data 69	Conditions	Min	Typ	Max	Unit
Contact-No.				69	
Contact-form				A	
Contact-material				Tungsten	
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			10.000	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	measured with nominal voltage at 20 °C			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	15.000			VDC
Release time	measured with no coil excitation			1,5	ms
Operate time incl. bounce	measured with nominal voltage at 20 °C			3	ms
Capacitance	@ 10 kHz across open switch		0,8		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1.000			GOhm
Dielectric Strength Coil/Contact	according to IEC 255-5	10			kV DC
Housing material				Polycarbonat	
Sealing compound				Polyurethan	
Connection pins				cu-alloy tinned	
Number of contacts				1	



*Products for tomorrow...*

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Item No.:  
**8524169003**  
Item:  
**HE24-1A69-03**

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		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 07.01.09    Designed by: WKOVACS  
Last Change at:            Last Change by:

Approval at: 26.01.09    Approval by: KOLBRICH  
Approval at:                Approval by:

Version: 02