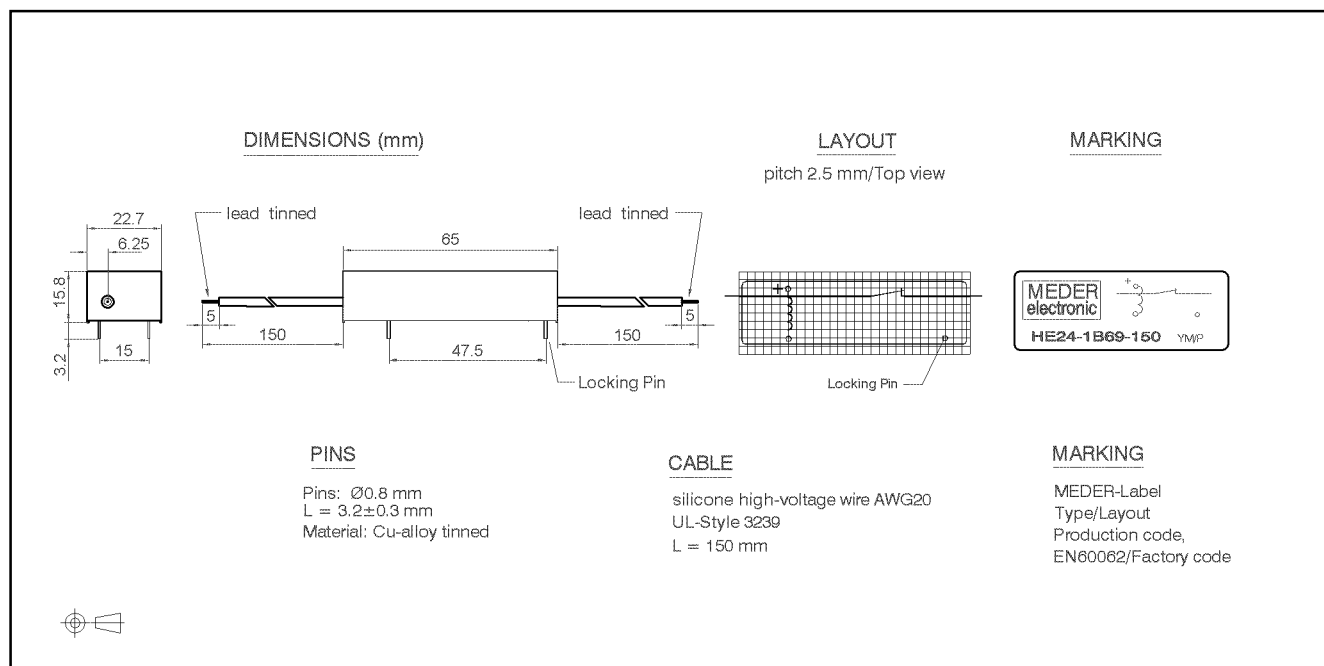


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## Preliminary Datasheet



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		945	1.050	1.155	Ohm
Coil voltage			24	30	VDC
Rated power			548		mW
Thermal Resistance			24		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact data 69	Conditions	Min	Typ	Max	Unit
Contact-form		B - NC			
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	11			kV AC
Dielectric Strength Coil/Contact	according to IEC 255-5	15			kV DC
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		cu-alloy tinned			
Number of contacts		1			

Modifications in the sense of technical progress are reserved

Designed at: 15.07.09 Designed by: WKOVACS  
 Last Change at: 17.08.09 Last Change by: WKOVACS

Approval at: 16.07.09 Approval by: KOLBRICH  
 Approval at: Approval by:

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Item No.:  
**8524169152**  
Item:  
**HE24-1B69-150**

## Preliminary Datasheet

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			

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