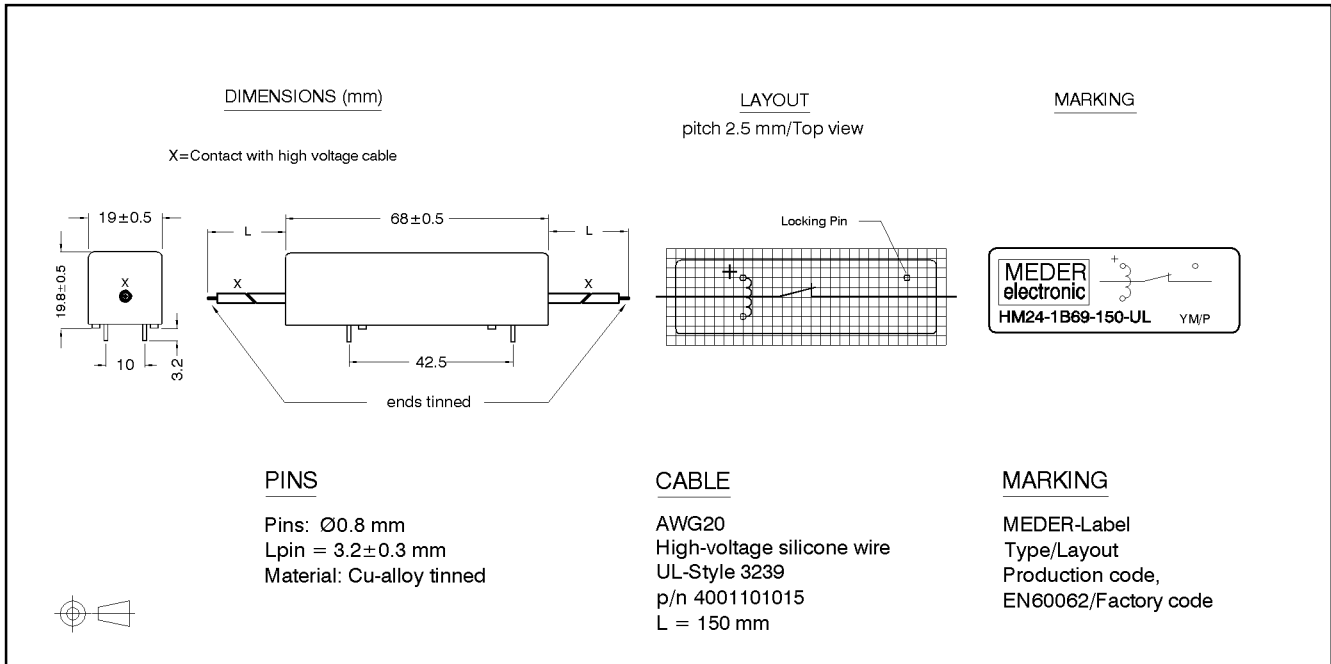


Products for tomorrow...



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		900	1.000	1.100	Ohm
Coil voltage			24		VDC
Rated power			576		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		24		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		2			VDC

Contact data 69	Conditions	Min	Typ	Max	Unit
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 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage	according to IEC 255-5	15			kV DC
Operate time incl. bounce	measured with 40% overdrive			3	ms
Release time	measured with no coil excitation			1,5	ms
Capacitance	@ 10 kHz across open switch		0,8		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts				1	
Contact - form				B - NC	
Dielectric Strength Coil/Contact	according to EN 60255-5	15			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			TOhm
Housing material		UL94-HB File-No. E45329 (M); Lexan 141R / GE			
Sealing compound		UL94-V2 File-No E72640 (M) PU E8702 FW-Z/Herberts			
Mounting or coil material		UL94-V-0 File No. QMFZ-2. E42337; CELANEX PBT			
Connection pins		Copper alloy tin plated			
Magnetic Shield					
Reach / RoHS conformity		yes			



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Item No.:
8424569158
Item:
HM24-1B69-150-UL

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

General data	Conditions	Min	Typ	Max	Unit
Packaging					VPE

Modifications in the sense of technical progress are reserved

Designed at: 02.08.04 Designed by: EBUNKE
Last Change at: 25.07.11 Last Change by: CRUF

Approval at: 26.01.09 Approval by: KOLBRICH
Approval at: 25.07.11 Approval by: CRUF

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