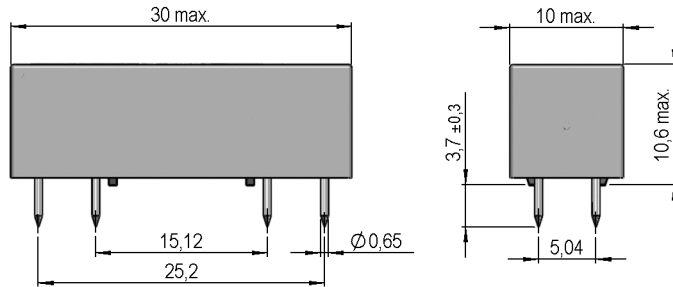


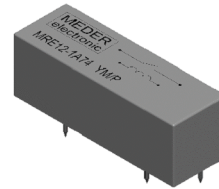
### Dimensions (mm)

tolerances according to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



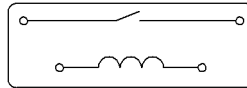
### Isometric

Scale 1:1  
 Massstab 1:1



### Layout

Top View  
 Draufsicht



### Marking

according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.170	1.300	1.430	Ohm
Coil voltage			12		VDC
Rated power			110		mW
Pull-In voltage				9	VDC
Drop-Out voltage		2			VDC

Contact data 74	Conditions	Min	Typ	Max	Unit
Contact rating (>25 AT)	Any DC combination of V & A not to exceed their individual max.'s			40	W
Switching voltage	Peak AC			250	V
Switching current	DC or Peak AC			1	A
Carry current (>25 AT)	DC or Peak AC			3	A
Contact resistance static	Measured with 40% overdrive Start Value			120	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1.000			GOhm
Breakdown voltage (>25 AT)	according to IEC 255-5	600			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 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	2			kV AC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Case colour				gray	
Housing material				Polycarbonat	
Sealing compound				Polyurethan	
Connection pins				Copper alloy tin plated	
Magnetic Shield				no	
Reach / RoHS conformity				yes	



*Products for tomorrow...*

Europe: +49 / 7731 8399 0 | Email: info@meder.com  
USA: +1 / 508 295 0771 | Email: salesusa@meder.com  
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:  
**8212174000**  
Item:  
**MRE12-1A74**

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			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			5		g
Packaging					plastic tube a 48 pcs.

Modifications in the sense of technical progress are reserved

Designed at: 02.09.10    Designed by: WKOVACS  
Last Change at:            Last Change by:

Approval at: 02.09.10    Approval by: KOLBRICH  
Approval at:            Approval by:

Version: 01