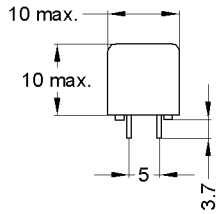
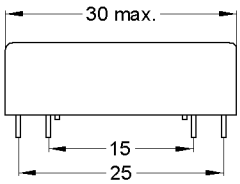
Europe: +49 / 7733 9487 0 | Email: info@meder.com
USA: +1 / 508 539 0002 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
8212171000
Item:
MRE12-1A66
MRE12-1A71

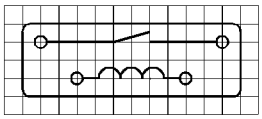
DIMENSIONS (mm)



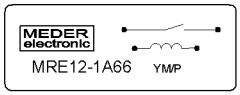


Pins: Ø0.65 mm
L = 3.7±0.3 mm
Material: Cu-alloy tinned

LAYOUT
pitch 2.5 mm/Top view



MARKING



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

tolerances according to DIN ISO 2768 m

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			111		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		85		K/W
Pull-In voltage				9	VDC
Drop-Out voltage		2			VDC

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage		250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,8	ms
Release time	measured with no coil excitation			0,2	ms
Capacity	@ 10 kHz		0,3		pF

Environmental data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 100 V test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2			KVAC
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	max. 5 sec			260	°C
Cleaning		fully sealed			
Housing material		Plastics / Polyamid			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			