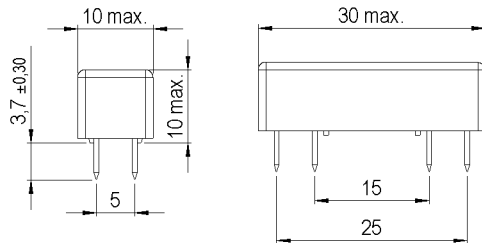
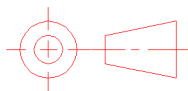


DIMENSIONS (mm)

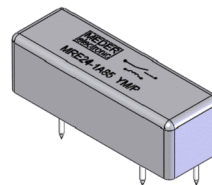
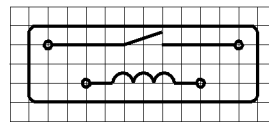


Pins: \varnothing 0.65 mm
 L = 3.7±0.3 mm
 Material: Cu-alloy tinned

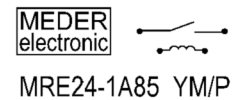


dimensions (mm)
 tolerances according to DIN ISO 2768 m

LAYOUT
 pitch 2.5 mm/Top view



MARKING



MRE24-1A85 YM/P

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

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		3.276	3.640	4.004	Ohm
Coil voltage			24		VDC
Rated power			158		mW
Thermal Resistance			85		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC 100% Duty Cycle			2,5	A
Pulsed carry current	DC or Peak AC 5ms after coil excitation for 50ms max.			3	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Breakdown voltage (30-40 AT)	according to IEC 255-5	2.500			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,5		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	2			kV AC
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

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



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Item No.:
8224185000
Item:
MRE24-1A85

Environmental data	Conditions	Min	Typ	Max	Unit
Storage temperature		-35		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			4,9		g
Packaging		48 pcs CL-Package tube			

Modifications in the sense of technical progress are reserved

Designed at: 20.01.10 Designed by: MPOTUZAK
Last Change at: 22.01.10 Last Change by: KOLBRICH

Approval at: 21.01.10 Approval by: DSTASTNY
Approval at: 22.01.10 Approval by: KOLBRICH

Version: 02