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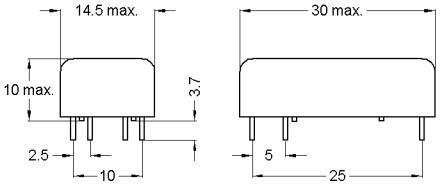
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

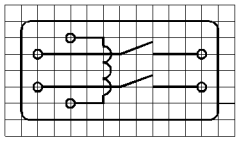
Item No.:
8205279400
Item:
MRE05-2A79-HI

DIMENSIONS (mm)

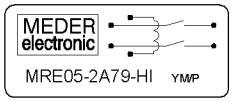


LAYOUT

pitch 2.5 mm/Top view

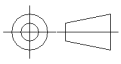


MARKING



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

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



tolerances acc. to DIN ISO 2768-m

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		135	150	165	Ohm
Coil voltage			5		VDC
Rated power			167		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		70		K/W
Pull-In voltage				3,8	VDC
Drop-Out voltage		1			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			25	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			2	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	100			TOhm
Breakdown voltage (>25 AT)	according to IEC 255-5	2.500			VDC
Operate time incl. bounce	measured with 40% overdrive			0,8	ms
Release time	measured with no coil excitation			0,4	ms
Capacity	@ 10 kHz		0,4		pF

Environmental data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 100 V test voltage	100			TOhm
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 / Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			