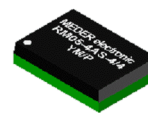
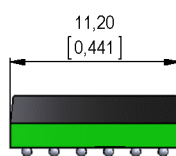
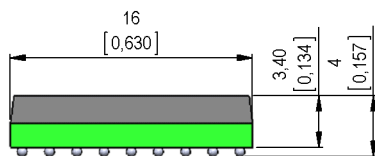


Dimensions mm[inch]

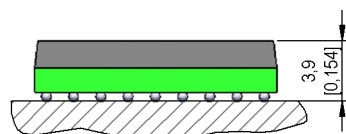
tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m

Isometric

Scale 1:1
Maßstab 1:1

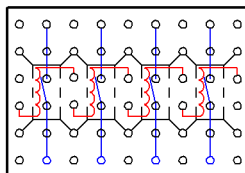


Post reflow height



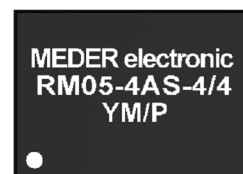
Layout

Top view
Draufsicht



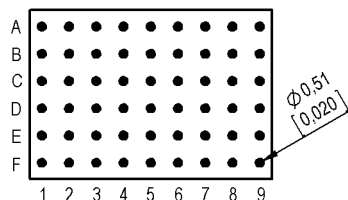
Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte



Recommended PCB Pad Layout

Grid Spacing is 1.8mm on center



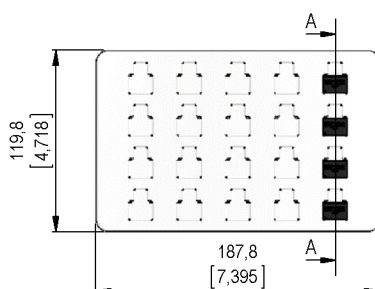
Solder Reflow Profile

See webpage www.meder.com or ask your responsible Customer Service
Einzusehen unter www.meder.com oder kontaktieren Sie den verantwortlichen Vertriebsmitarbeiter

HF - Parameter

See webpage www.meder.com or ask your responsible Customer Service
Einzusehen unter www.meder.com oder kontaktieren Sie den verantwortlichen Vertriebsmitarbeiter

Relay packaging orientation



A-A (1:5)





Products for tomorrow...

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Item No.:

9605480020

Item:

RM05-4AS-4/4

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		166	185	204	Ohm
Coil voltage			5		VDC
Rated power			135		mW
Pull-In voltage				3,75	VDC
Drop-Out voltage		0,5			VDC

RF Characteristics	Conditions	Min	Typ	Max	Unit
S-Parameters		Available upon request			

Contact data 80/1	Conditions	Min	Typ	Max	Unit
Contact-No.		80/1			
Contact-form		A			
Contact-material		Iridium			
Contact rating	Any DC combination of V & A			10	W
Switching voltage	DC or Peak AC			170	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			0,5	A
Contact resistance static	Measured with 40% overdrive			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to EN 60255-5	210			VDC
Operate time incl. bounce	measured with 40% overdrive		0,1		ms
Release	measured with no coil excitation		0,02		ms
Capacity	@ 10 kHz across open switch		0,1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts		4			
Isolation voltage Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			TOhm
Capacity Coil/Contact	@ 10 kHz		0,7		pF
Case color		black			
Sealing compound		Thermoset Molding Compound			
Material connection pads		BGA solderballs D=0,025 inches			
Reach / RoHS conformity		yes			
Magnetic Shield		yes			

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		-40		85	°C
Storage temperature		-55		125	°C
Soldering temperature	JEDEC Norm JESD22-A113A			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Packaging		4 x 5 Blister packaged			

Modifications in the sense of technical progress are reserved

Designed at: 07.12.09 Designed by: MAPODACA

Approval at: 07.12.09 Approval by: TLANE

Last Change at: 16.05.12 Last Change by: CRUF

Approval at: 16.05.12 Approval by: CRUF

Version: 04