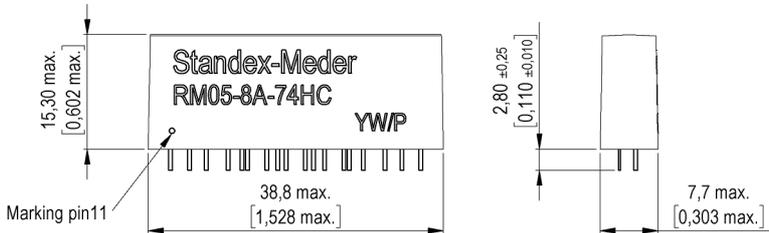
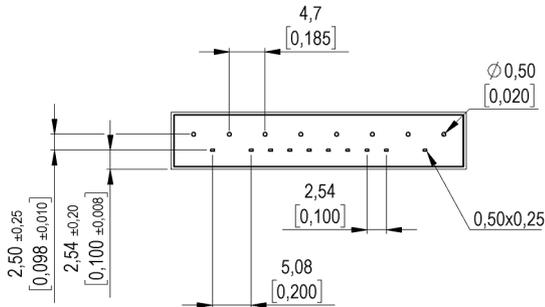


Dimensions mm[inch]

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

Isometric

Scale 1:1
 Maßstab 1:1

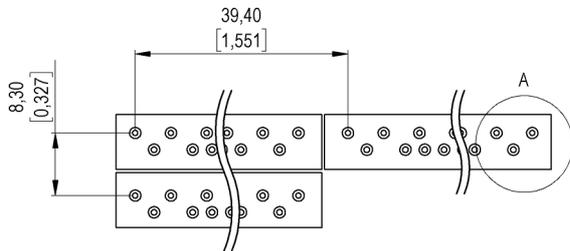


Marking

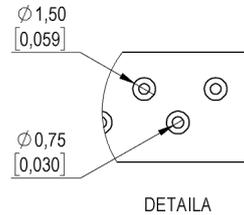
according to EN60062/ factory code
 gem. EN 60060/ Fertigungsstätte



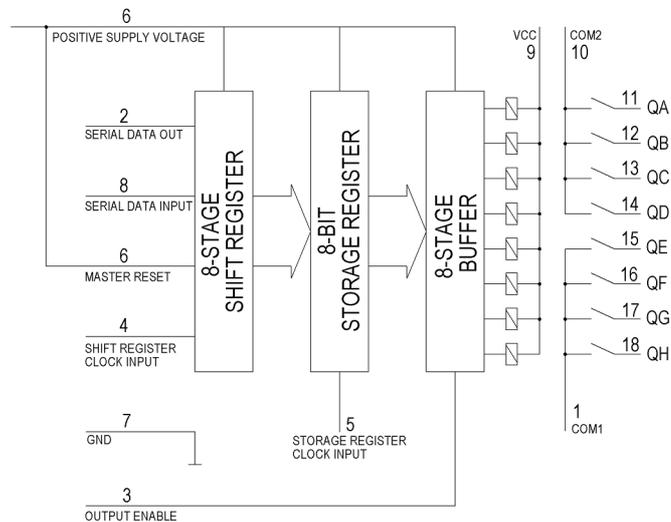
Recommended Matrix Layout



Recommended PCB Pad Layout



Block diagram





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Item No.:
9605080055
 Item:
RM05-8A-74HC

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Nominal voltage			5		VDC
Operating voltage		4,75	5	5,25	VDC

Contact data 46	Conditions	Min	Typ	Max	Unit
Contact rating	combination of switching voltage and current not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			125	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			1,5	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	200			VDC
Operate time incl. bounce	measured with 40% overdrive			0,4	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Standby current			0,15		mA
Number of contacts			8		
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC Measuring Voltage	100			GOhm
Housing material		Epoxy molding compound			
Sealing compound		Epoxy resin			
Connection pins		Cu-alloy tinned			
Connection pins		FeNi-alloy tin plated			
Magnetic Shield		yes			
Reach / RoHS conformity		yes			
Remarks		IC= 8-BIT shift register 74HC595			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature		-20		40	°C
Storage temperature		-35		95	°C
Soldering Temperature Tsold	Reflow acc.IPC/JEDEC J-STD-020D.1			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Packaging		ESD-Tube per 25 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 21.06.16 Designed by: DVUCKOVIC
 Last Change at: Last Change by:

Approval at: 13.09.17 Approval by: DSTASTNY
 Approval at: Approval by:

Version: 1