



Europe: +49 / 7731 8399 0 | Email: info@standexmeder.com
 USA: +1 / 508 295 0771 | Email: salesusa@standexmeder.com
 Asia: +852 / 2955 1682 | Email: salesasia@standexmeder.com

Item No.:
9005185401
 Item:
KT05-1A-40L-SMD

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		72	80	88	Ohm
Coil voltage			5		VDC
Rated power			313		mW
Thermal resistance			80		K/W
Inductance			21		mH
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,55			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
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
Contact resistance static	Measured with 40% overdrive			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (40-50 AT)	according to EN 60255-5	3			kV DC
Capacitance	@ 10 kHz across open switch		0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Dielectric Strength Coil/Contact	according to EN 60255-5	7			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Capacity Coil/Contact	@ 10 kHz		1,2		pF
Housing material		mineral filled epoxy			
Approval		UL-File Nr. NRNT2.E156887			
Reach II / RoHS conformity		yes			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			30	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-40		100	°C
Storage temperature		-40		125	°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		T&R per 250 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 05.01.11 Designed by: SWANG
 Last Change at: 03.08.15 Last Change by: AAI

Approval at: 27.07.12 Approval by: CRUF
 Approval at: 06.08.15 Approval by: DSTASTNY

Version: 11

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Reed Relays](#) category:

Click to view products by [Standexmeder](#) manufacturer:

Other Similar products are found below :

[M2C24AH](#) [D1A05HD-3](#) [741A10](#) [8000-0211](#) [8000-0217](#) [836C2](#) [922A06C4C](#) [PRMA1A12C](#) [PRMA1A24B](#) [PRMA1A24C](#) [PRMA1B12C](#)
[PRMA1B24C](#) [PRMA1C05F](#) [PRMA2A24C](#) [R1C5DR](#) [R2A5D](#) [1220-0039](#) [RA30521051](#) [RA31232051](#) [HGS1005](#) [HGS1021](#) [HGS1048](#)
[HGS1088](#) [HGS2MT51111F00](#) [HGS2MT51111M00](#) [HGZM1C24](#) [HGZM2C05](#) [HGZM2C48](#) [DA1A24DWD](#) [DA1A-24V](#) [DA1C05FWD](#)
[DA1C12FW](#) [DA2A-6V](#) [134MPCX-3](#) [MRR1ADS8-12D](#) [MRR1ADS8-24D](#) [MRR1ADS8-5D](#) [MRR1ADSK-12D](#) [159-151-T00](#) [MSS62A05](#)
[MSS71A05](#) [MSS71A05B](#) [MSS71A12](#) [MSS71A24](#) [1804-105](#) [191TE1C2M-5S](#) [191TE2A1-5G](#) [191TE2A1-6G](#) [193RE4C3-24G](#) [HYR2001-1520](#)