



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		180	200	220	Ohm
Coil voltage			5		VDC
Rated power			125		mW
Coil current			25		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		97		K/W
Inductance			18		mH
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact Data 94	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			100	V
Switching current	DC or Peak AC			0,2	A
Carry current	DC or Peak AC			0,5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage (<21 AT)	according to IEC 255-5	150			VDC
Operate time incl. bounce	measured with 40% overdrive			2	ms
Release time	measured with no coil excitation			2	ms
Capacity	@ 10 kHz across open switch		1,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
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
Capacity Coil/Contact	@ 10 kHz		0,3		pF
Housing material		epoxy resin			
Connection pins		CuFe2P, tin plated			
Approval		UL-File Nr. NRNT2.E156887 / NRNT8.E156887			
Reach / RoHS conformity		yes			



Products for tomorrow...

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

Item No.:
3205001151
Item:
DIP05-1C90-51D

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability					fully sealed

General data	Conditions	Min	Typ	Max	Unit
Total weight			1,5		g
Packaging					25 pieces per Tube

Modifications in the sense of technical progress are reserved

Designed at: 27.04.04 Designed by: SCHELLHORN
Last Change at: 22.11.11 Last Change by: THAUKE

Approval at: 26.08.09 Approval by: KOLBRICH
Approval at: 23.11.11 Approval by: JHEYDER

Version: 3

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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

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

Other Similar products are found below :

[CUPE001A624](#) [CUPE004A605](#) [8000-0217](#) [922A06C4C](#) [PRMA1A24B](#) [HGS1021](#) [HGS1048](#) [HGZM1C24](#) [HGZM2C05](#) [HGZM2C12](#)
[HGZM2C48](#) [134MPCX-3](#) [MSS62A05](#) [MSS71A05](#) [MSS71A05B](#) [MSS71A12](#) [MSS71A12B](#) [MSS71A24](#) [HYR2001-1520](#) [9000-0153](#) [2600-0308](#) [2653-12-310](#) [2610-12-310](#) [2611-05-310](#) [PRMA1B05B](#) [2653-05-310](#) [HGP1005](#) [HGS1019](#) [HGS2M5114](#) [HGZM1C05](#) [HGZM1C12](#)
[HGZM1C48](#) [3-1393771-5](#) [3432-12-91](#) [CUPV50020](#) [HYR2031-1520](#) [V23100V4305C11](#) [W107DIP-43](#) [W193RE1C3-12G](#) [W193RE2A3-12G](#)
[W193RE2C3-24G](#) [W193RE3A3-24G](#) [W193RE3C3-24G](#) [W193RE4C3-12G](#) [5000-0242](#) [W193RE4C3-24G](#) [W193RE4A3-24G](#) [W193RE4A3-12G](#) [W193RE2C3-12G](#) [W193RE2A3-24G](#)