

Excellent Integrated System Limited

Stocking Distributor

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[Standex-Meder Electronics](#)
[NP05-1C90-500-250](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Products for tomorrow...

Europe: +49 / 7731 8399 0

| Email: info@meder.com

Item No.:

USA: +1 / 508 295 0771

| Email: salesusa@meder.com

3105190525

Asia: +852 / 2955 1682

| Email: salesasia@meder.com

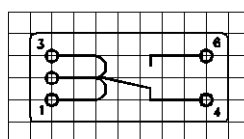
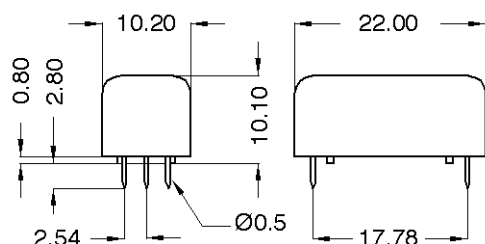
Item:

NP05-1C90-500-250

LAYOUT (250)

pitch 2.54 mm/Top view

MARKING



Pins: Ø0.5 mm
L = 2.8±0.3 mm
Material: Cu-alloy tinned

MEDER-Label
Type
Production code,
EN60062/Factory code



Abmessungen / dimensions (mm)
unspecified tolerances acc. to DIN ISO 2768-m

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Coil voltage			5		VDC
Rated power			50		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact-form		C			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			175	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			250	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	200			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2,12			kV DC
Housing material		Metal			
Sealing compound		Polyurethan			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			30	g
Ambient temperature		-20		70	°C
Storage temperature		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Cleaning		fully sealed			