

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Standex-Meder Electronics](#)  
[NP05-1A66-500-210](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


*Products for tomorrow...*

Europe: +49 / 7731 8399 0

Email: info@meder.com

Item No.:

USA: +1 / 508 295 0771

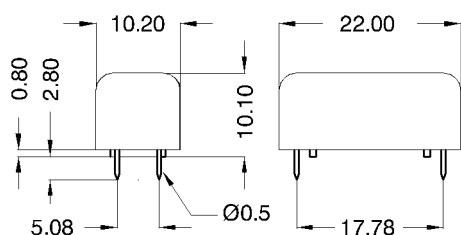
Email: salesusa@meder.com

**3105171210**

Asia: +852 / 2955 1682

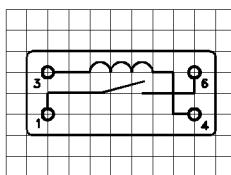
Email: salesasia@meder.com

Item:

**NP05-1A66-500-210**
**NP05-1A71-500-210**
**DIMENSIONS (mm)**

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

**LAYOUT(210)**

pitch 2.54 mm/Top view


**MARKING**

 MEDER-Label  
 Type  
 Production code,  
 EN60062/Factory code

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 66	Conditions	Min	Typ	Max	Unit
Contact-form		A			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (>20 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	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 VDC test voltage	10			GOhm
Breakdown voltage (>20 AT)	according to IEC 255-5	225			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity			0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC Messspannung	10			GOhm
Insulation voltage Coil/Contact	gemäß IEC 255-5	2,12			kV DC
Housing material		Metal			
Sealing compound		Type PU E8702 FW-Z/W			

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