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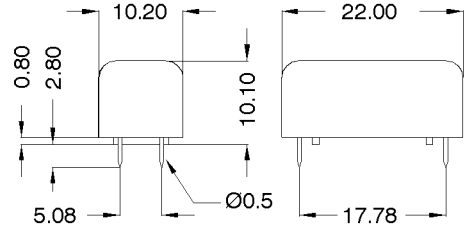
Item No.:
3112171413
Item:
NP12-1A66-2500-213
NP12-1A71-2500-213

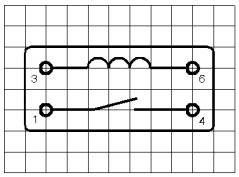
DIMENSIONS (mm)

Tolerance ±0.1 mm



LAYOUT(213)

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

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		2.250	2.500	2.750	Ohm
Coil voltage			12		VDC
Rated power			57		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-No.		66			
Contact-form		A			
Contact-material		Rhodium			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<21 AT)	DC or Peak AC			200	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
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Breakdown voltage (<21 AT)	according to IEC 255-5	200			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		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			
Connection pins		Copper alloy tin plated			

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				260	°C
Cleaning		fully sealed			