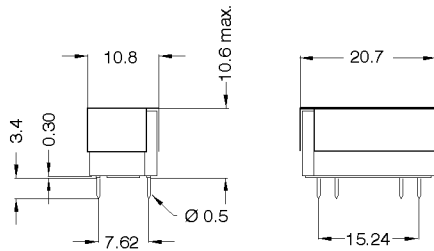


DIMENSIONS (mm)



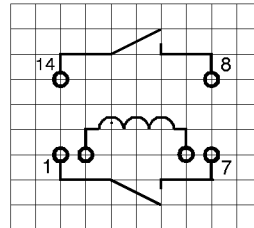
Pins: Ø0.5 mm
 L = 3.4±0.3 mm
 Material: Cu-alloy tinned



tolerances according to DIN ISO 2768 m

LAYOUT (21M)

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 | | 180 | 200 | 220 | Ohm |
| Coil voltage | | | 5 | | VDC |
| Rated power | | | 125 | | mW |
| Pull-In voltage | | | | 3,5 | VDC |
| Drop-Out voltage | | 0,75 | | | VDC |

| Contact data 66 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|------|-----|------|-------|
| 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 | A |
| Contact resistance static | Measured with 40% overdrive Start Value | | | 100 | mOhm |
| Insulation resistance | RH <45 %, 100 VDC test voltage | 1 | | | TOhm |
| Breakdown voltage (<21 AT) | according to IEC 255-5 | 0,25 | | | kV DC |
| Operate time incl. bounce | measured with 40% overdrive | | | 0,7 | ms |
| Release time | measured with no coil excitation | | | 0,05 | ms |
| Capacitance | @ 10 kHz across open switch | | 0,3 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|------------------------------------|-------------------------------|-----|-----|----------------------------|-------|
| Number of contacts | | | | 2 | |
| Contact - form | | | | A - NO | |
| Dielectric Strength Coil/Contact | according to IEC 255-5 | 1,5 | | | kV DC |
| Insulation resistance Coil/Contact | RH <45%, 200 VDC test voltage | 1 | | | TOhm |
| Case colour | | | | | |
| Housing material | | | | PBT glass fibre reinforced | |
| Sealing compound | | | | Polyurethan | |
| Connection pins | | | | Copper alloy tin plated | |
| Reach / RoHS conformity | | | | yes | |
| Approval | | | | UL File No. NRNT2.E156887 | |
| Approval | | | | UL File No. NRNT8.E156887 | |
| Remark | | | | metal collector | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-----|-----|------|
|--------------------|------------|-----|-----|-----|------|



Products for tomorrow...

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Item No.:
1305271221
Item:
DIL05-2A66-21M
DIL05-2A71-21M

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

Modifications in the sense of technical progress are reserved

Designed at: 13.10.08 Designed by: MPOTUZAK
Last Change at: 08.07.11 Last Change by: CRUF

Approval at: 13.10.08 Approval by: DSTASTNY
Approval at: 08.07.11 Approval by: CRUF

Version: 05