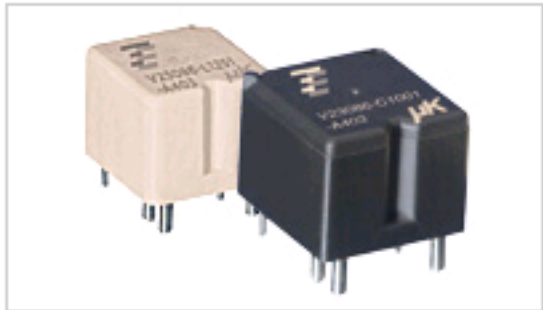


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2-1904093-2 Product Details

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 Active

Automotive Relays

V23086R1801A402-EV-CBOX

2-1904093-2 

TE Internal Number: 2-1904093-2

Product Highlights [View All](#)

- PCB Relays
- Relay Type = Micro Relay K
- Terminal Type = PCB-THR
- Monostable, DC Coil - Magnetic System
- Coil - Resistance = 254 Ω

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Please Note:

Use the Product Drawing for all design activity


Product Type Features

| | |
|---------------------|---------------|
| Product Designation | PCB Relays |
| Relay Type | Micro Relay K |

Mechanical Attachment

| | |
|---------------------|---------|
| Mounting Bracket(s) | Without |
|---------------------|---------|

Electrical Characteristics

| | |
|---|------------------|
| Coil - Resistance (Ω)  | 254 |
| Contact - Current Class | 20A to 30A Class |
| Nominal Voltage (VDC) | 12 |
| Coil - Rated Power, DC (mW) | 567 |
| Coil - Rated Voltage (VDC) | 12 |
| Contact - Limiting Continuous Current (A) | 30 |
| Contact - Limiting Breaking Current (A) | 30 |
| Contact - Limiting Making Current (A) | 40 |
| Contact - Switching Recommended Load, Min. | 1000mA at 5V |
| Rated Current @ 85° C (A) | 30 |
| Insulation - Initial Dielectric Between Contacts and Coil (V rms) | 500 |
| Insulation - Initial Dielectric Between Open Contacts (V rms) | 500 |

Dimensions

| | |
|------------------|---------------|
| Length (mm [in]) | 12.00 [0.472] |
| Width (mm [in]) | 12.90 [0.508] |
| Height (mm [in]) | 10.20 [0.402] |


Body Features

| | |
|-----------------|--------------|
| Weight (g [oz]) | 4.00 [0.141] |
|-----------------|--------------|


Contact Features

| | |
|-----------------------|---------|
| Terminal Type | PCB-THR |
| Contact Base Material | AgSnO2 |

Configuration Features

| | |
|--|----------------|
| Coil - Magnetic System | Monostable, DC |
| Contact - Arrangement  | 1 Form A (NO) |

Industry Standards

| | |
|---|--|
| RoHS/ELV Compliance  | RoHS compliant, ELV compliant |
| Lead Free Solder Processes  | Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C |
| RoHS/ELV Compliance History | Always was RoHS compliant |

Environmental

| | |
|---|-----------|
| Environmental - Ambient Temperature, Max. (°C [°F]) | 105 [221] |
| Environmental - Category of Protection | RTIII |

Other

| | |
|--------|-----------------|
| Brand | TE Connectivity |
| Series | Micro Relay K |

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