

# Module 17 pole, pin, 160V, 10A

Number of slots: 1

Item number: GMRM-160-10-17PZC-01

Packing unit: 1



## TECHNICAL CHARACTERISTICS

|                                 |     |
|---------------------------------|-----|
| Number of slots:                | 1   |
| Number of contacts:             | 17  |
| Contact type:                   | Pin |
| Number of mating cycles (min.): | 500 |

## THERMAL PROPERTIES

|                                    |                    |
|------------------------------------|--------------------|
| Material contact insert:           | Polycarbonate (PC) |
| Operating temperature insert [°C]: | -40 - +125         |

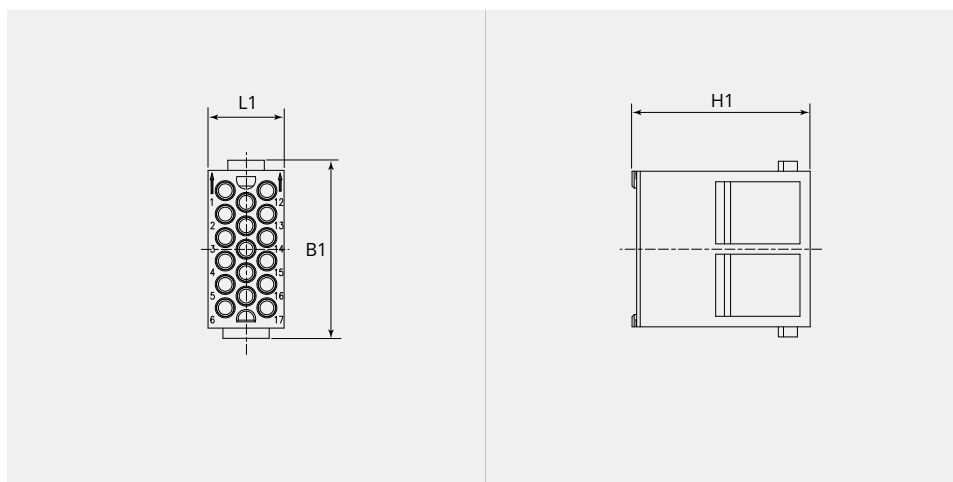
## ELECTRICAL PROPERTIES

|                                        |                |
|----------------------------------------|----------------|
| Rated current [A]:                     | 10             |
| Operating voltage [V]:                 | 160            |
| Rated voltage according to UL/CSA [V]: | 250            |
| Test voltage DC [V]:                   | 2.5            |
| Insulation resistance ( $\Omega$ ):    | $\geq 10^{10}$ |
| Pollution degree:                      | 3              |

## STANDARDS

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Fire protection class EN 45545-2: | R22/HL1,HL2<br>R23,24/HL1,HL2,HL3 |
| Flammability rating UL 94:        | V0                                |
| RoHS-compliant:                   | Compliant                         |
| REACH-compliant:                  | SVHC substances, no               |

## DIMENSIONS





## DIMENSIONS

|          |      |
|----------|------|
| B1 [mm]: | 34.2 |
|----------|------|

|              |      |
|--------------|------|
| Height [mm]: | 34.7 |
|--------------|------|

|          |      |
|----------|------|
| L1 [mm]: | 14.6 |
|----------|------|

# Pin contact 10A, 2.5mm<sup>2</sup>

Item number: GMRC-PZC-2.5AU

Packing unit: 100



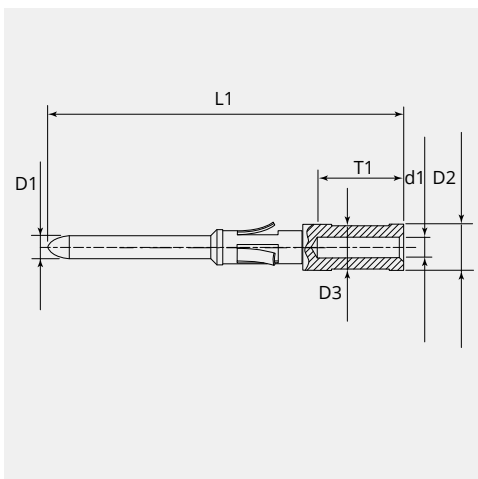
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Pin                                                  |
| Rated current (continuous) [A]:  | 10                                                   |
| Contact resistance (mΩ) :        | ≤3                                                   |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Gold                                                 |
| Protective layer:                | Gold plated                                          |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 2.5                                                  |
| Wire section [AWG]:              | 14                                                   |
| Stripping length [mm]:           | 6                                                    |
| REACH-compliant:                 | SVHC substances, yes - Lead                          |
| RoHS-compliant:                  | Compliant with exception 6c (copper alloy ≤ 4% lead) |

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.6  |
| D2 Ø [mm]: | 3.2  |
| D3 Ø [mm]: | 3.2  |
| d1 Ø [mm]: | 2.25 |
| L1 [mm]:   | 24.7 |
| T1 [mm]:   | 6.0  |

# Pin contact 10A, 1.5mm<sup>2</sup>

Item number: GMRC-PZC-1.5AU

Product weight (kg): 0.0009 kg

Packing unit: 100



## MECHANICAL PROPERTIES CONTACTS

Contact type: Pin

Rated current (continuous) [A]: 10

Contact resistance (mΩ) : ≤3

Contact Material: CU alloy

Coating: Gold

Protective layer: Gold plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm<sup>2</sup>]: 1.5

Wire section [AWG]: 16

Stripping length [mm]: 6

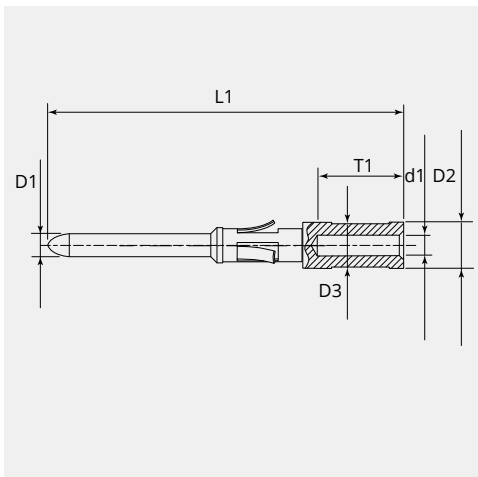
REACH-compliant: SVHC substances, yes - Lead

RoHS-compliant: Compliant with exception 6c (copper alloy ≤ 4% lead)

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.6  |
| D2 Ø [mm]: | 3.2  |
| D3 Ø [mm]: | 3.0  |
| d1 Ø [mm]: | 1.75 |
| L1 [mm]:   | 24.7 |
| T1 [mm]:   | 6.0  |

# Pin contact 10A, 0.37mm<sup>2</sup>

Item number: GMRC-PZC-0.37AU  
Product weight (kg): 0.0007 kg  
Packing unit: 100



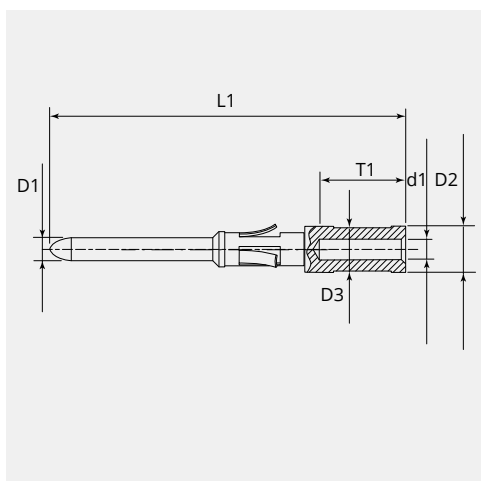
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Pin                                                  |
| Rated current (continuous) [A]:  | 10                                                   |
| Contact resistance (mΩ) :        | ≤3                                                   |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Gold                                                 |
| Protective layer:                | Gold plated                                          |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 0.14 - 0.37                                          |
| Wire section [AWG]:              | 26 - 22                                              |
| Stripping length [mm]:           | 6                                                    |
| REACH-compliant:                 | SVHC substances, yes - Lead                          |
| RoHS-compliant:                  | Compliant with exception 6c (copper alloy ≤ 4% lead) |

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.6  |
| D2 Ø [mm]: | 3.2  |
| D3 Ø [mm]: | 2.6  |
| d1 Ø [mm]: | 0.9  |
| L1 [mm]:   | 24.7 |
| T1 [mm]:   | 6.0  |

# Pin contact 10A, 0.25mm<sup>2</sup>

Item number: GMRC-PDC-0.25AU

Product weight (kg): 0.0006 kg

Packing unit: 100



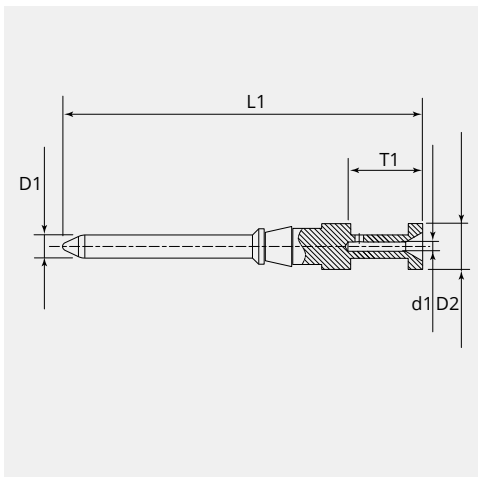
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Pin                                                  |
| Rated current (continuous) [A]:  | 10                                                   |
| Contact resistance (mΩ) :        | ≤3                                                   |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Gold                                                 |
| Protective layer:                | Gold plated                                          |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 0.09 - 0.25                                          |
| Wire section [AWG]:              | 28 - 24                                              |
| Stripping length [mm]:           | 5                                                    |
| REACH-compliant:                 | SVHC substances, yes - Lead                          |
| RoHS-compliant:                  | Compliant with exception 6c (copper alloy ≤ 4% lead) |

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.58 |
| D2 Ø [mm]: | 3.2  |
| d1 Ø [mm]: | 0.65 |
| L1 [mm]:   | 25.0 |
| T1 [mm]:   | 5.2  |

# Pin contact 10A, 0.75mm<sup>2</sup>

Item number: GMRC-PZC-0.75AU

Packing unit: 100



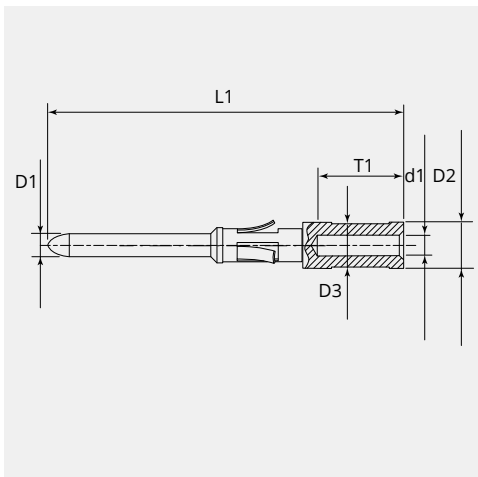
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Pin                                                  |
| Rated current (continuous) [A]:  | 10                                                   |
| Contact resistance (mΩ) :        | ≤3                                                   |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Gold                                                 |
| Protective layer:                | Gold plated                                          |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 0.75                                                 |
| Wire section [AWG]:              | 18                                                   |
| Stripping length [mm]:           | 6                                                    |
| REACH-compliant:                 | SVHC substances, yes - Lead                          |
| RoHS-compliant:                  | Compliant with exception 6c (copper alloy ≤ 4% lead) |

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.6  |
| D2 Ø [mm]: | 3.2  |
| D3 Ø [mm]: | 2.6  |
| d1 Ø [mm]: | 1.3  |
| L1 [mm]:   | 24.7 |
| T1 [mm]:   | 6.0  |

# Pin contact 10A, 0.5mm<sup>2</sup>

Item number: GMRC-PZC-0.50AU

Product weight (kg): 0.0007 kg

Packing unit: 100



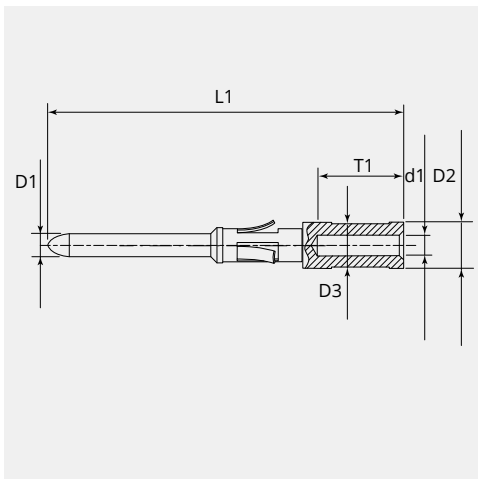
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Pin                                                  |
| Rated current (continuous) [A]:  | 10                                                   |
| Contact resistance (mΩ) :        | ≤3                                                   |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Gold                                                 |
| Protective layer:                | Gold plated                                          |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 0.5                                                  |
| Wire section [AWG]:              | 20                                                   |
| Stripping length [mm]:           | 6                                                    |
| REACH-compliant:                 | SVHC substances, yes - Lead                          |
| RoHS-compliant:                  | Compliant with exception 6c (copper alloy ≤ 4% lead) |

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.6  |
| D2 Ø [mm]: | 3.2  |
| D3 Ø [mm]: | 2.6  |
| d1 Ø [mm]: | 1.1  |
| L1 [mm]:   | 24.7 |
| T1 [mm]:   | 6.0  |

# Pin contact 10A, 1.0mm<sup>2</sup>

Item number: GMRC-PZC-1.0AU

Product weight (kg): 0.0007 kg

Packing unit: 100



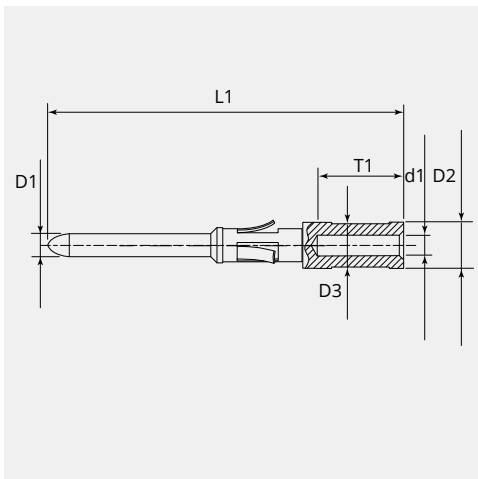
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Pin                                                  |
| Rated current (continuous) [A]:  | 10                                                   |
| Contact resistance (mΩ) :        | ≤3                                                   |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Gold                                                 |
| Protective layer:                | Gold plated                                          |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 1                                                    |
| Wire section [AWG]:              | 18                                                   |
| Stripping length [mm]:           | 6                                                    |
| REACH-compliant:                 | SVHC substances, yes - Lead                          |
| RoHS-compliant:                  | Compliant with exception 6c (copper alloy ≤ 4% lead) |

## STANDARDS

|                  |                                                            |
|------------------|------------------------------------------------------------|
| RoHS-compliant:  | Compliant with exception 6c (copper alloy $\leq 4\%$ lead) |
| REACH-compliant: | SVHC substances, yes - Lead                                |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 1.6  |
| D2 Ø [mm]: | 3.2  |
| D3 Ø [mm]: | 2.6  |
| d1 Ø [mm]: | 1.45 |
| L1 [mm]:   | 24.7 |
| T1 [mm]:   | 6.0  |