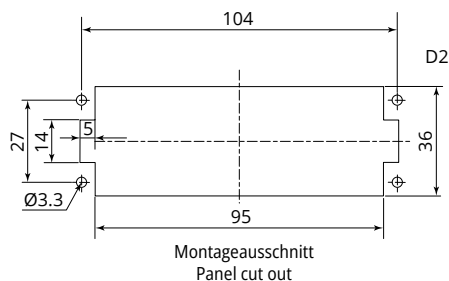


# Fixed pole insert 24 poles, pin, 250V, 10A

Size 24

Item number: GMRF-250-10-108PZC-24

Packing unit: 1



## TECHNICAL CHARACTERISTICS

|                                 |          |
|---------------------------------|----------|
| Number of contacts:             | 108 + PE |
| Contact type:                   | Pin      |
| Number of mating cycles (min.): | 500      |

## THERMAL PROPERTIES

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

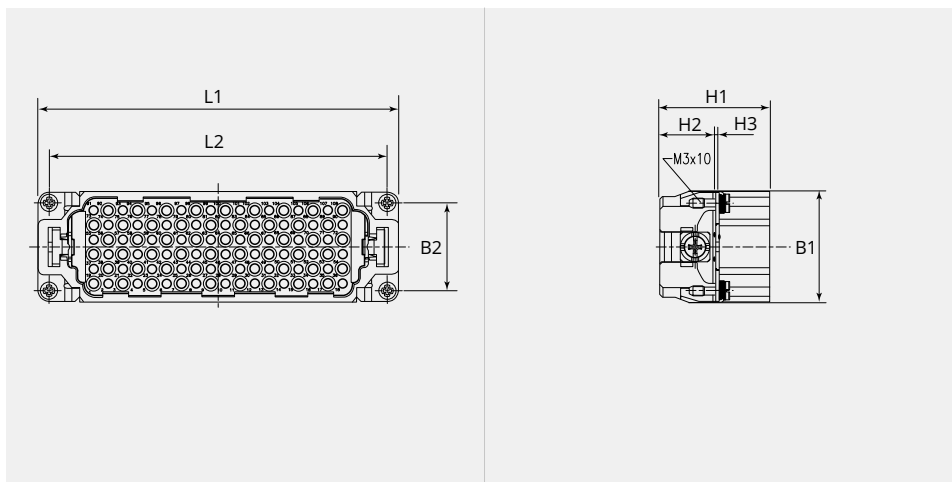
## ELECTRICAL PROPERTIES

|                                        |                     |
|----------------------------------------|---------------------|
| Rated current [A]:                     | 10                  |
| Operating voltage [V]:                 | 250 (PD2 = 230/400) |
| Rated voltage according to UL/CSA [V]: | 600                 |
| Test voltage DC [V]:                   | 4                   |
| Insulation resistance ( $\Omega$ ):    | $\geq 10^{10}$      |
| Pollution degree:                      | 3                   |

## STANDARDS

|                                   |                     |
|-----------------------------------|---------------------|
| Fire protection class EN 45545-2: | R23/HL3             |
| Flammability rating UL 94:        | V0                  |
| RoHS-compliant:                   | Compliant           |
| REACH-compliant:                  | SVHC substances, no |

## DIMENSIONS



## DIMENSIONS

|              |       |
|--------------|-------|
| B1 [mm]:     | 34.0  |
| B2 [mm]:     | 27.0  |
| Height [mm]: | 34    |
| H2 [mm]:     | 17.3  |
| H3 [mm]:     | 1.2   |
| L1 [mm]:     | 111.0 |
| L2 [mm]:     | 104.0 |

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

Item number: GMRC-PZC-1.5AU

Product weight (kg): 0.0009 kg

Packing unit: 100



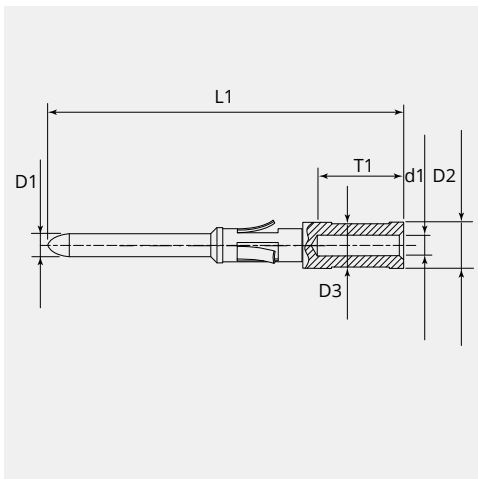
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| 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, 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

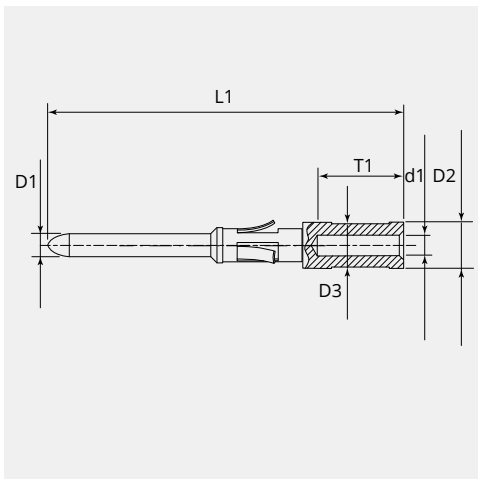
REACH-compliant: SVHC substances, yes - Lead

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  |

# 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

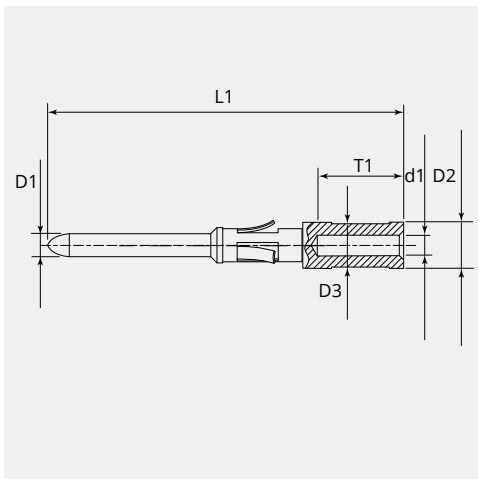
REACH-compliant: SVHC substances, yes - Lead

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, 2.5mm<sup>2</sup>

Item number: GMRC-PZC-2.5AU

Packing unit: 100



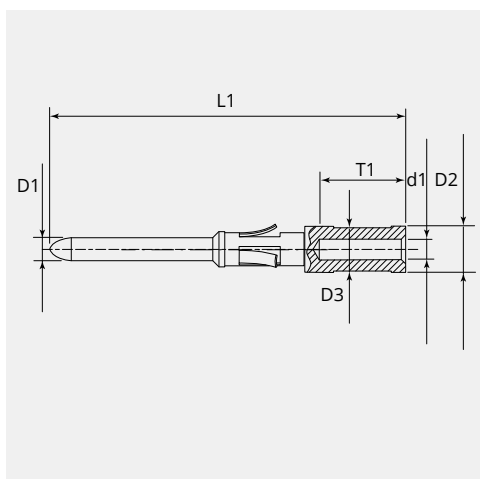
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| 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, 0.5mm<sup>2</sup>

Item number: GMRC-PZC-0.50AU

Product weight (kg): 0.0007 kg

Packing unit: 100



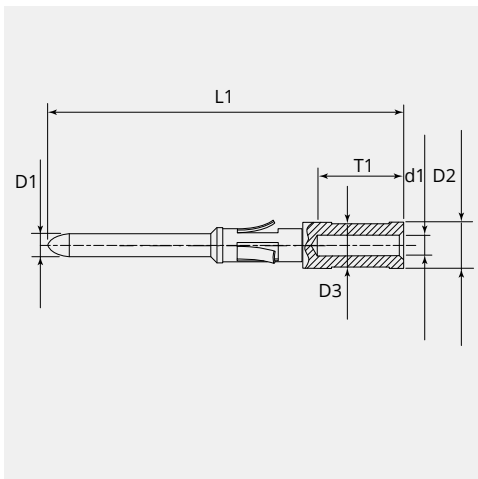
### MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| 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  |