

# Module 2 pole, socket, 1000V, 100A

Number of slots: 2

Item number: GMRM-1000-100-2SKC-02

Product weight (kg): 0.0214 kg

Packing unit: 1



## TECHNICAL CHARACTERISTICS

|                                 |        |
|---------------------------------|--------|
| Number of slots:                | 2      |
| Number of contacts:             | 2      |
| Contact type:                   | Socket |
| Number of mating cycles (min.): | 500    |

## THERMAL PROPERTIES

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

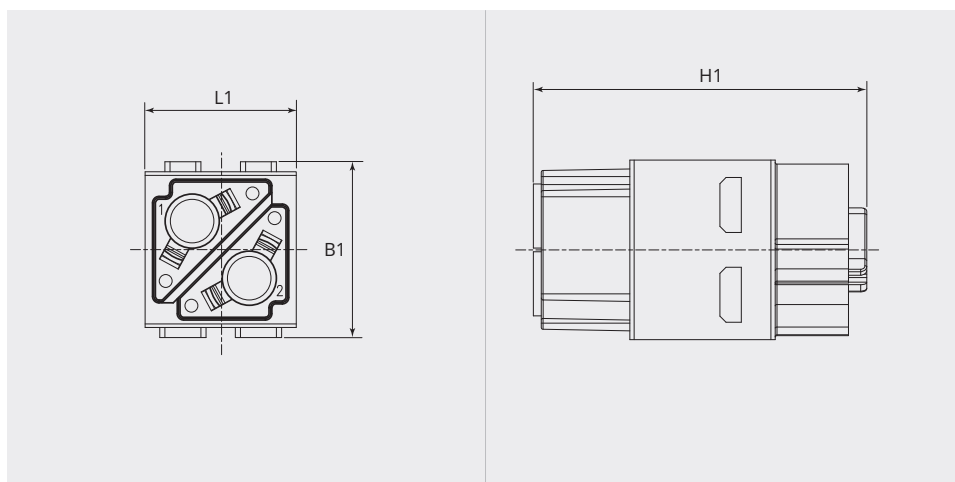
## ELECTRICAL PROPERTIES

|                                     |                |
|-------------------------------------|----------------|
| Rated current [A]:                  | 100            |
| Operating voltage [V]:              | 1000           |
| Test voltage DC [V]:                | 8              |
| 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]: | 54.6 |
|--------------|------|

|          |      |
|----------|------|
| L1 [mm]: | 29.4 |
|----------|------|

# Socket contact 100A, 16mm<sup>2</sup>

Item number: GMRC-SKC-16AG  
Product weight (kg): 0.0157 kg  
Packing unit: 5



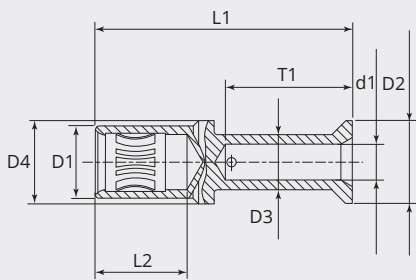
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Socket                                               |
| Rated current (continuous) [A]:  | 100                                                  |
| Contact resistance (mΩ) :        | ≤0.3                                                 |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Silver                                               |
| Protective layer:                | Silver plated                                        |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 16                                                   |
| Stripping length [mm]:           | 19                                                   |
| 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]: | 11   |
| D2 Ø [mm]: | 12.7 |
| D3 Ø [mm]: | 8.5  |
| D4 Ø [mm]: | 12.7 |
| d1 Ø [mm]: | 5.5  |
| L1 [mm]:   | 39.5 |
| L2 [mm]:   | 14.0 |
| T1 [mm]:   | 19.5 |

# Socket contact 100A, 25mm<sup>2</sup>

Item number: GMRC-SKC-25AG

Packing unit: 5



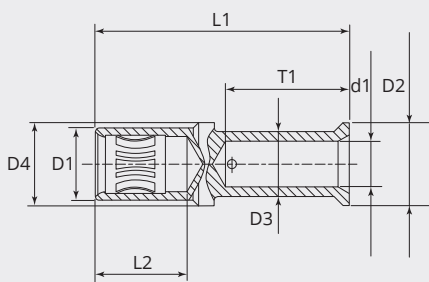
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Socket                                               |
| Rated current (continuous) [A]:  | 100                                                  |
| Contact resistance (mΩ) :        | ≤0.3                                                 |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Silver                                               |
| Protective layer:                | Silver plated                                        |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 25                                                   |
| Stripping length [mm]:           | 19                                                   |
| 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]: | 11   |
| D2 Ø [mm]: | 12.7 |
| D3 Ø [mm]: | 10.0 |
| D4 Ø [mm]: | 12.7 |
| d1 Ø [mm]: | 7.0  |
| L1 [mm]:   | 39.0 |
| L2 [mm]:   | 14.2 |
| T1 [mm]:   | 19.0 |

# Socket contact 100A, 35mm<sup>2</sup>

Item number: GMRC-SKC-35AG

Packing unit: 5



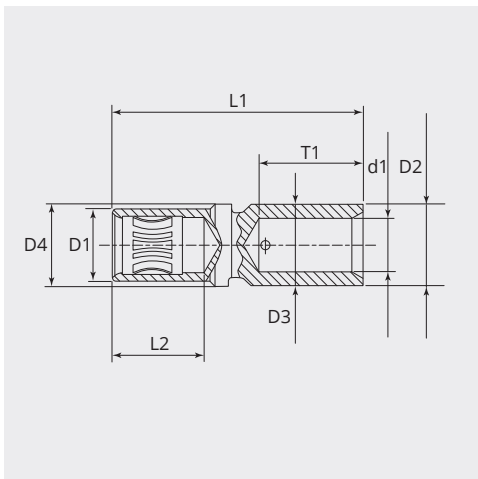
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Socket                                               |
| Rated current (continuous) [A]:  | 100                                                  |
| Contact resistance (mΩ) :        | ≤0.3                                                 |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Silver                                               |
| Protective layer:                | Silver plated                                        |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 35                                                   |
| Stripping length [mm]:           | 16                                                   |
| 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]: | 11   |
| D2 Ø [mm]: | 12.5 |
| D3 Ø [mm]: | 10.2 |
| D4 Ø [mm]: | 12.7 |
| d1 Ø [mm]: | 8.2  |
| L1 [mm]:   | 38.5 |
| L2 [mm]:   | 14.2 |
| T1 [mm]:   | 16.0 |

# Socket contact 100A, 10mm<sup>2</sup>

Item number: GMRC-SKC-10AG

Packing unit: 5



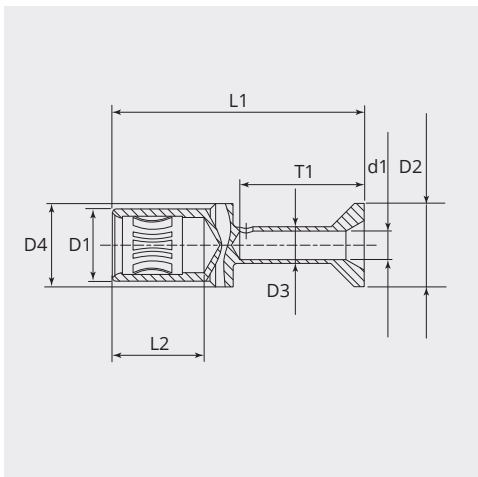
## MECHANICAL PROPERTIES CONTACTS

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Contact type:                    | Socket                                               |
| Rated current (continuous) [A]:  | 100                                                  |
| Contact resistance (mΩ) :        | ≤0.3                                                 |
| Contact Material:                | CU alloy                                             |
| Coating:                         | Silver                                               |
| Protective layer:                | Silver plated                                        |
| Type of manufacture:             | Turned                                               |
| Connection type:                 | Crimp                                                |
| Wire section [mm <sup>2</sup> ]: | 10                                                   |
| Stripping length [mm]:           | 19                                                   |
| 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]: | 11   |
| D2 Ø [mm]: | 12.7 |
| D3 Ø [mm]: | 5.6  |
| D4 Ø [mm]: | 12.7 |
| d1 Ø [mm]: | 4.3  |
| L1 [mm]:   | 38.5 |
| L2 [mm]:   | 14.2 |
| T1 [mm]:   | 19.0 |