

Module 1 pole, socket, 830V, 100A

Number of slots: 1

Item number: GMRM-830-100-1SKC-01

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	1
Number of contacts:	1
Contact type:	Socket
Max. cable insulation Ø [mm]:	13
Number of mating cycles (min.):	500

THERMAL PROPERTIES

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

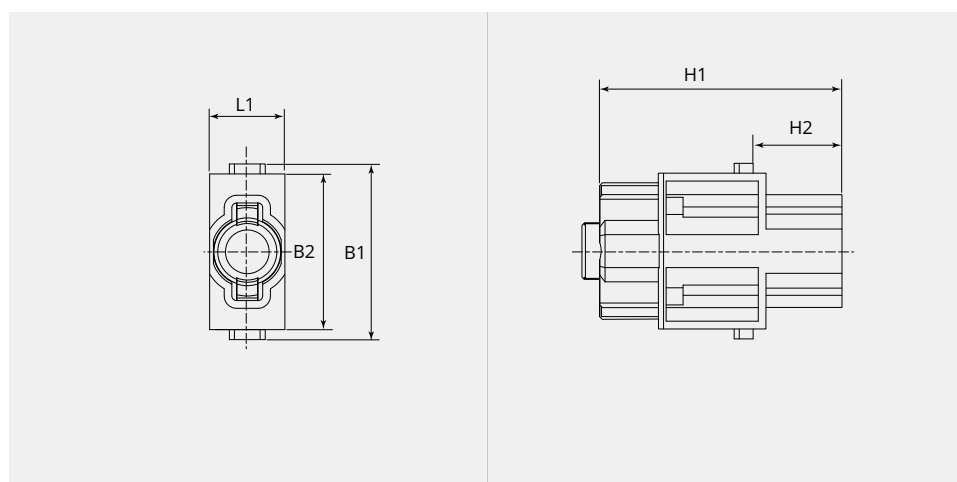
ELECTRICAL PROPERTIES

Rated current [A]:	100
Operating voltage [V]:	830
Test voltage DC [V]:	8
Insulation resistance (Ω):	$\geq 10^{10}$
Pollution degree:	3

STANDARDS

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

DIMENSIONS





DIMENSIONS

B1 [mm]:	34.2
B2 [mm]:	30.3
Height [mm]:	47.2
H2 [mm]:	17.3
L1 [mm]:	14.6

Socket contact 100A, 35mm²

Item number: GMRC-SKC-35AG

Packing unit: 5



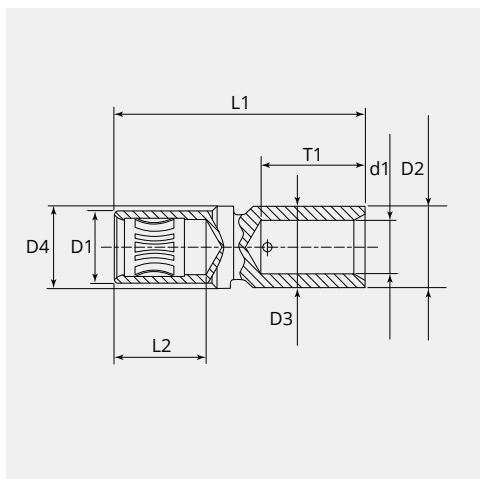
MECHANICAL PROPERTIES CONTACTS

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 ²]:	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, 25mm²

Item number: GMRC-SKC-25AG

Packing unit: 5



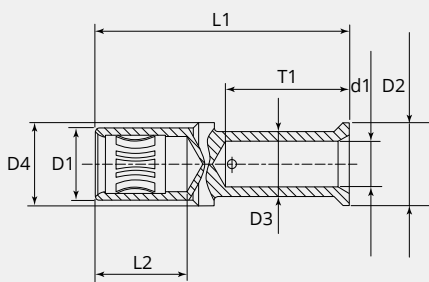
MECHANICAL PROPERTIES CONTACTS

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 ²]:	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, 16mm²

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



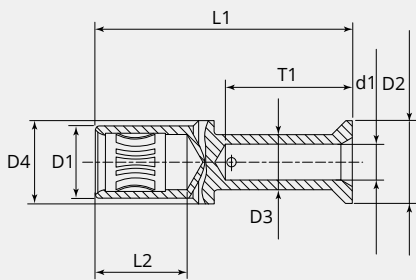
MECHANICAL PROPERTIES CONTACTS

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 ²]:	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, 10mm²

Item number: GMRC-SKC-10AG

Packing unit: 5



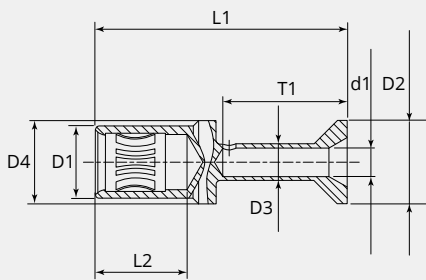
MECHANICAL PROPERTIES CONTACTS

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 ²]:	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