

Module 2 pole,socket, 1000V, 70A

Number of slots: 1

Item number: GMRM-1000-70-2SK70C-01

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	1
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

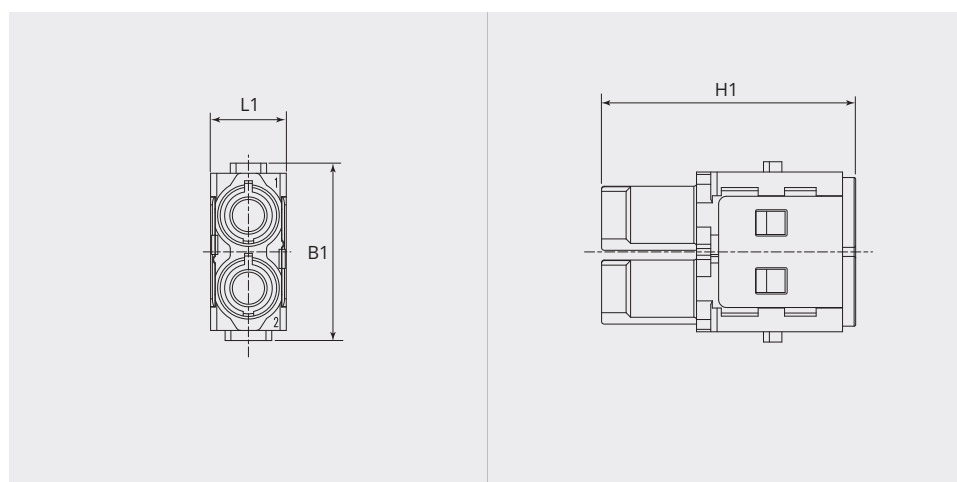
ELECTRICAL PROPERTIES

Rated current [A]:	70
Operating voltage [V]:	1000
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
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Height [mm]:	48.2
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L1 [mm]:	14.6
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Socket contact 70A, 10mm²

Item number: GMRC-SK70C-10AG

Packing unit: 5



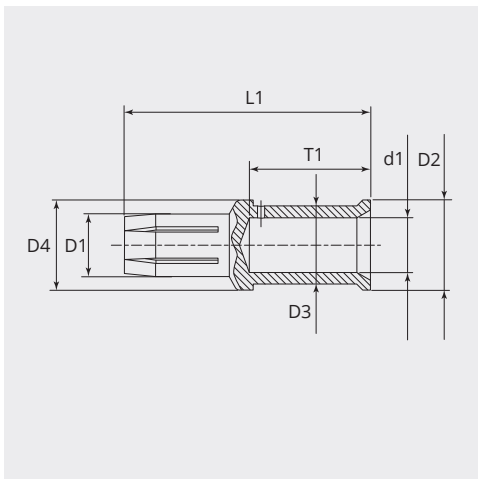
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Rated current (continuous) [A]:	70
Contact resistance (mΩ) :	≤0.5
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]:	15.5
Max. cable insulation diameter [mm]:	11
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

D2 Ø [mm]:	11.5
D3 Ø [mm]:	5.6
d1 Ø [mm]:	4.3
L1 [mm]:	31.5
T1 [mm]:	15.5

Socket contact 70A, 16mm²

Item number: GMRC-SK70C-16AG

Packing unit: 5



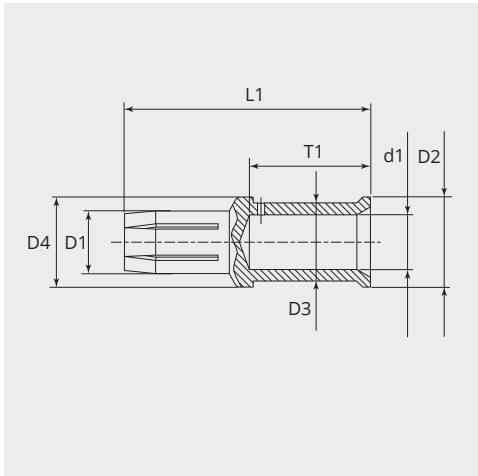
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Rated current (continuous) [A]:	70
Contact resistance (mΩ) :	≤0.5
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]:	15.5
Max. cable insulation diameter [mm]:	11
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

D2 Ø [mm]:	11.5
D3 Ø [mm]:	8.5
d1 Ø [mm]:	5.5
L1 [mm]:	31.5
T1 [mm]:	15.5

Socket contact 70A, 25mm²

Item number: GMRC-SK70C-25AG

Packing unit: 5



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Rated current (continuous) [A]: 70

Contact resistance (mΩ) : ≤0.5

Contact Material: CU alloy

Coating: Silver

Protective layer: Silver plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 25

Stripping length [mm]: 15

Max. cable insulation diameter [mm]: 11

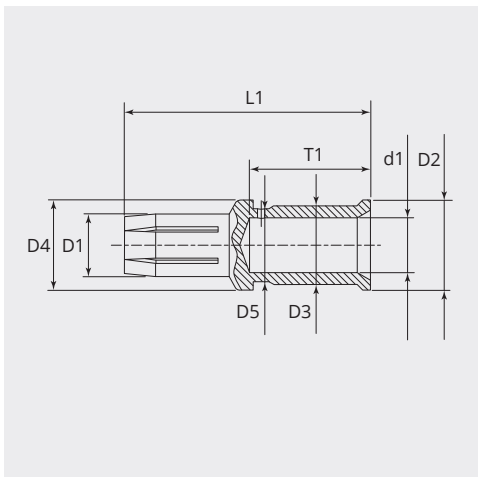
REACH-compliant: SVHC substances, yes - Lead

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

D2 Ø [mm]:	11.5
D3 Ø [mm]:	10.0
d1 Ø [mm]:	7.0
L1 [mm]:	31.5
T1 [mm]:	15.5

Socket contact 70A, 6mm²

Item number: GMRC-SK70C-6AG

Packing unit: 5



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Rated current (continuous) [A]: 70

Contact resistance (mΩ) : ≤0.5

Contact Material: CU alloy

Coating: Silver

Protective layer: Silver plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 6

Stripping length [mm]: 15.5

Max. cable insulation diameter [mm]: 11

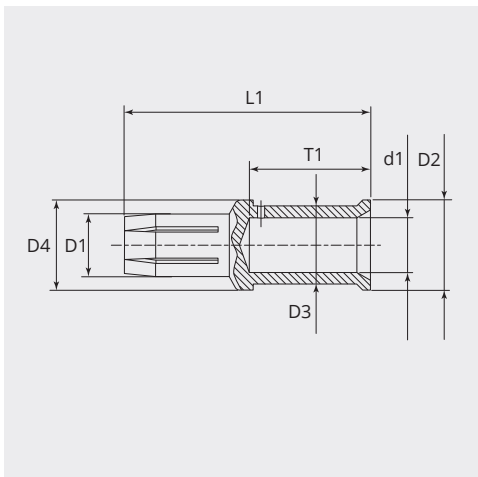
REACH-compliant: SVHC substances, yes - Lead

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

D2 Ø [mm]:	11.5
D3 Ø [mm]:	5.0
d1 Ø [mm]:	3.5
L1 [mm]:	31.5
T1 [mm]:	15.5