

Module 4 pole,socket, 830V, 40A

Number of slots: 1

Item number: GMRM-830-40-4SCC-01

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	1
Number of contacts:	4
Contact type:	Socket
Number of mating cycles (min.):	500

THERMAL PROPERTIES

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

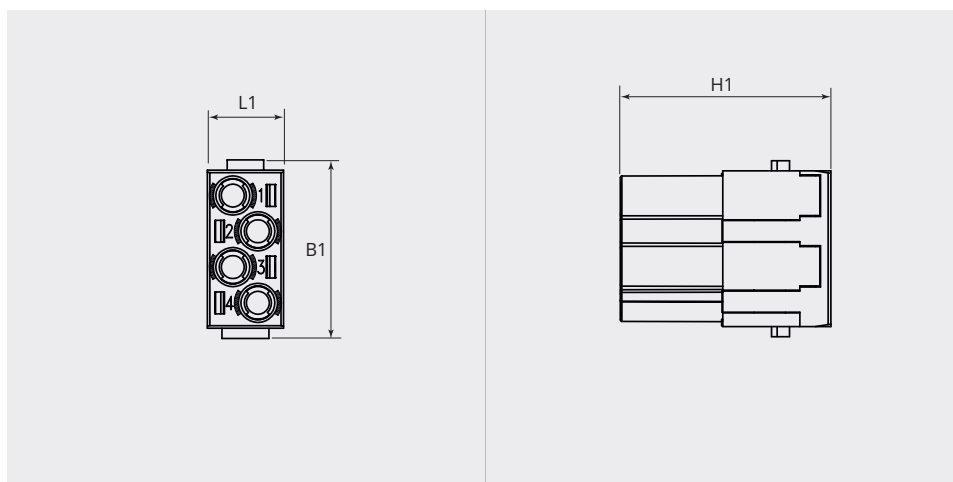
ELECTRICAL PROPERTIES

Rated current [A]:	40
Operating voltage [V]:	830
Rated voltage according to UL/CSA [V]:	600
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]:	40.9
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L1 [mm]:	14.6
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Socket contact 40A, 1.5mm²

Item number: GMRC-SCC-1.5AG

Packing unit: 20



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Rated current (continuous) [A]: 40

Contact resistance (mΩ) : ≤3

Contact Material: CU alloy

Coating: Gold

Protective layer: Silver plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 1.5

Wire section [AWG]: 16

Stripping length [mm]: 9

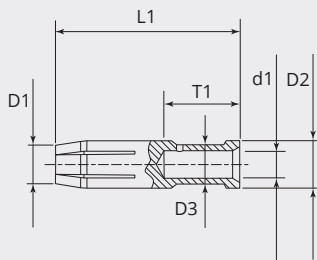
REACH-compliant: SVHC substances, yes - Lead

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]:	6.0
D3 Ø [mm]:	3.0
d1 Ø [mm]:	1.75
L1 [mm]:	23.4
T1 [mm]:	9.6

Socket contact 40A, 2.5mm²

Item number: GMRC-SCC-2.5AG

Packing unit: 20



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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Rated current (continuous) [A]:	40
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Contact resistance (mΩ) :	≤3
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Contact Material:	CU alloy
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Coating:	Gold
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Protective layer:	Silver plated
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Type of manufacture:	Turned
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Connection type:	Crimp
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Wire section [mm ²]:	2.5
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Wire section [AWG]:	14
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Stripping length [mm]:	9
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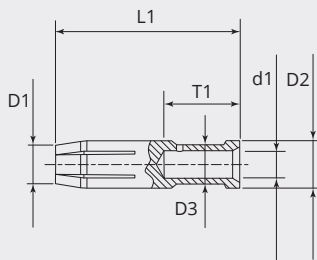
REACH-compliant:	SVHC substances, yes - Lead
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RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)
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STANDARDS

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

DIMENSIONS



DIMENSIONS

D2 Ø [mm]:	6.0
D3 Ø [mm]:	3.5
d1 Ø [mm]:	2.25
L1 [mm]:	23.4
T1 [mm]:	9.6

Socket contact 40A, 4mm²

Item number: GMRC-SCC-4.0AG

Packing unit: 20



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Rated current (continuous) [A]: 40

Contact resistance (mΩ) : ≤3

Contact Material: CU alloy

Coating: Gold

Protective layer: Silver plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 4

Wire section [AWG]: 12

Stripping length [mm]: 9.6

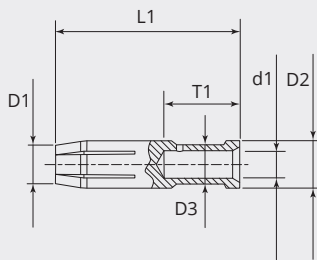
REACH-compliant: SVHC substances, yes - Lead

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

D2 Ø [mm]:	6.0
D3 Ø [mm]:	3.9
d1 Ø [mm]:	2.85
L1 [mm]:	23.4
T1 [mm]:	9.6

Socket contact 40A, 6mm²

Item number: GMRC-SCC-6.0AG

Packing unit: 20



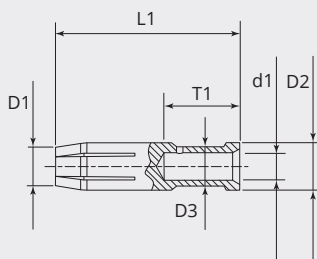
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Rated current (continuous) [A]:	40
Contact resistance (mΩ) :	≤3
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Silver plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	6
Wire section [AWG]:	10
Stripping length [mm]:	9.6
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

D2 Ø [mm]:	6.0
D3 Ø [mm]:	5.0
d1 Ø [mm]:	3.5
L1 [mm]:	23.4
T1 [mm]:	9.6

Socket contact 40A, 10mm²

Item number: GMRC-SCC-10.0AG

Packing unit: 20



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Rated current (continuous) [A]: 40

Contact resistance (mΩ) : ≤3

Contact Material: CU alloy

Coating: Gold

Protective layer: Silver plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 10

Wire section [AWG]: 8

Stripping length [mm]: 15

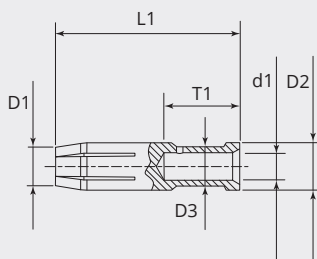
REACH-compliant: SVHC substances, yes - Lead

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]:	6.0
D3 Ø [mm]:	5.6
d1 Ø [mm]:	4.3
L1 [mm]:	23.4
T1 [mm]:	9.6