

Module 2 pole, pin, 1000V, 100A

Number of slots: 2

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

Product weight (kg): 0.0186 kg

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	2
Number of contacts:	2
Contact type:	Pin
Number of mating cycles (min.):	500

THERMAL PROPERTIES

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

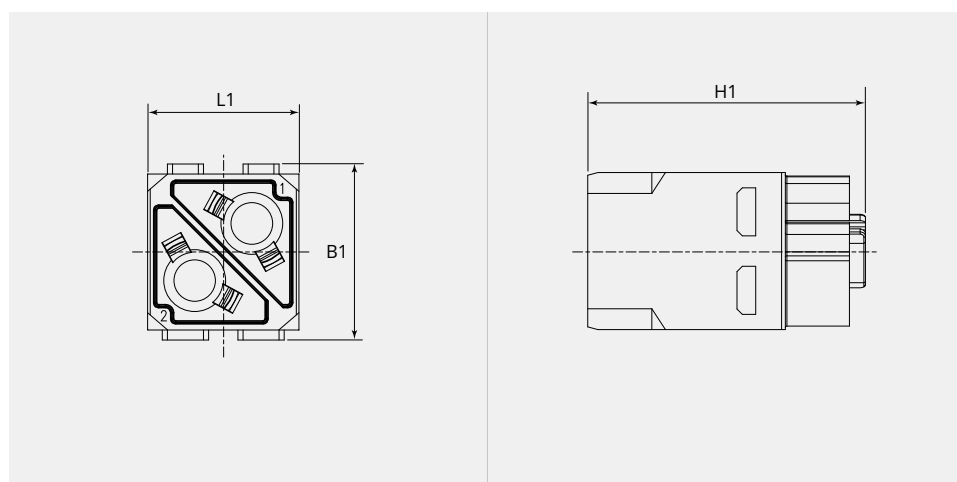
ELECTRICAL PROPERTIES

Rated current [A]:	100
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]:	52
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L1 [mm]:	29.4
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Pin contact 100A, 10mm²

Item number: GMRC-PKC-10AG

Packing unit: 5



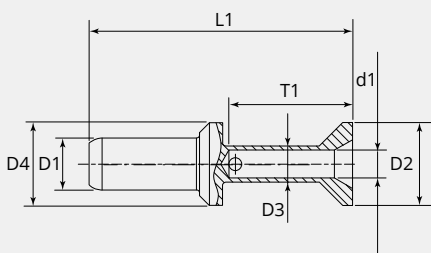
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	8
D2 Ø [mm]:	12.7
D3 Ø [mm]:	5.6
D4 Ø [mm]:	12.7
d1 Ø [mm]:	4.3
L1 [mm]:	40.5
T1 [mm]:	19.0

Pin contact 100A, 35mm²

Item number: GMRC-PKC-35AG

Packing unit: 5



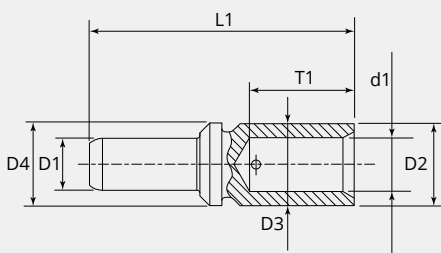
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	8
D2 Ø [mm]:	12.5
D3 Ø [mm]:	10
D4 Ø [mm]:	12.7
d1 Ø [mm]:	8.2
L1 [mm]:	40.5
T1 [mm]:	16.0

Pin contact 100A, 16mm²

Item number: GMRC-PKC-16AG

Product weight (kg): 0.0182 kg

Packing unit: 5



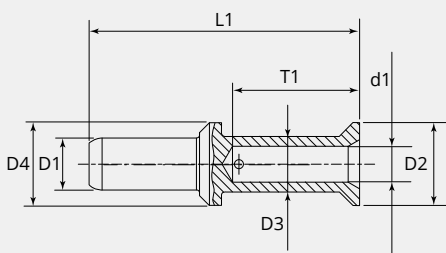
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	8
D2 Ø [mm]:	12.7
D3 Ø [mm]:	8.5
D4 Ø [mm]:	12.7
d1 Ø [mm]:	5.5
L1 [mm]:	41.5
T1 [mm]:	19.5

Pin contact 100A, 25mm²

Item number: GMRC-PKC-25AG

Packing unit: 5



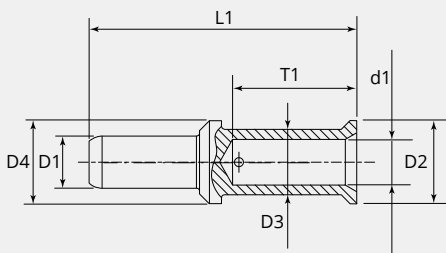
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	8
D2 Ø [mm]:	12.7
D3 Ø [mm]:	10.0
D4 Ø [mm]:	12.7
d1 Ø [mm]:	7.0
L1 [mm]:	41.0
T1 [mm]:	19.0