

Module 42 pole, pin, 150V, 10A

Number of slots: 2

Item number: GMRM-150-10-42PZC-02

Product weight (kg): 0.0149 kg

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	2
Number of contacts:	42
Contact type:	Pin
Number of mating cycles (min.):	500

THERMAL PROPERTIES

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

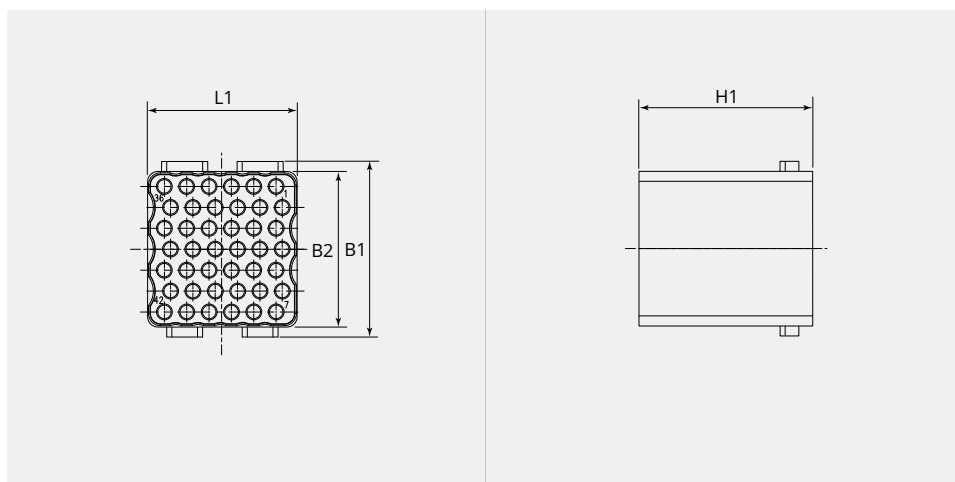
ELECTRICAL PROPERTIES

Rated current [A]:	10
Operating voltage [V]:	150
Rated voltage according to UL/CSA [V]:	250
Test voltage DC [V]:	2.5
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]:	34
L1 [mm]:	29.4

Pin contact 10A, 1.5mm²

Item number: GMRC-PZC-1.5AU

Product weight (kg): 0.0009 kg

Packing unit: 100



MECHANICAL PROPERTIES CONTACTS

Contact type: Pin

Rated current (continuous) [A]: 10

Contact resistance (mΩ) : ≤3

Contact Material: CU alloy

Coating: Gold

Protective layer: Gold plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 1.5

Wire section [AWG]: 16

Stripping length [mm]: 6

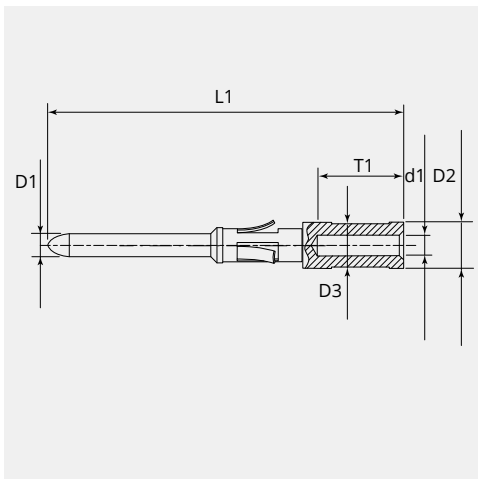
REACH-compliant: SVHC substances, yes - Lead

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

D1 Ø [mm]:	1.6
D2 Ø [mm]:	3.2
D3 Ø [mm]:	3.0
d1 Ø [mm]:	1.75
L1 [mm]:	24.7
T1 [mm]:	6.0

Pin contact 10A, 0.75mm²

Item number: GMRC-PZC-0.75AU

Packing unit: 100



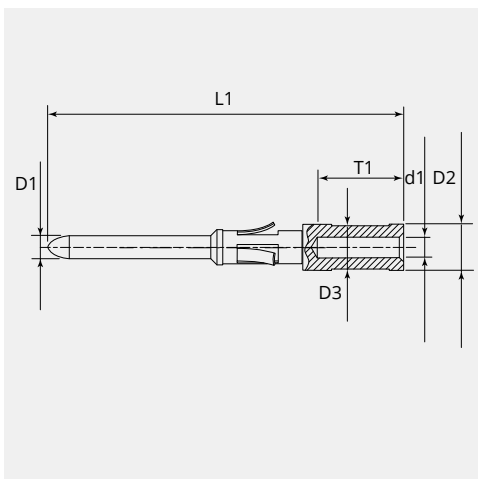
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	10
Contact resistance (mΩ) :	≤3
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	0.75
Wire section [AWG]:	18
Stripping length [mm]:	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

D1 Ø [mm]:	1.6
D2 Ø [mm]:	3.2
D3 Ø [mm]:	2.6
d1 Ø [mm]:	1.3
L1 [mm]:	24.7
T1 [mm]:	6.0

Pin contact 10A, 0.37mm²

Item number: GMRC-PZC-0.37AU
Product weight (kg): 0.0007 kg
Packing unit: 100



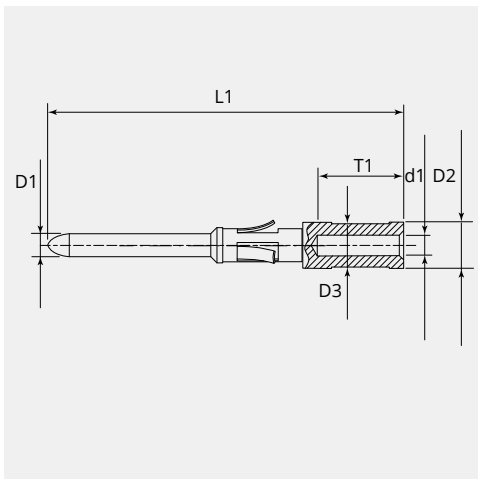
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	10
Contact resistance (mΩ) :	≤3
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	0.14 - 0.37
Wire section [AWG]:	26 - 22
Stripping length [mm]:	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

D1 Ø [mm]:	1.6
D2 Ø [mm]:	3.2
D3 Ø [mm]:	2.6
d1 Ø [mm]:	0.9
L1 [mm]:	24.7
T1 [mm]:	6.0

Pin contact 10A, 1.0mm²

Item number: GMRC-PZC-1.0AU

Product weight (kg): 0.0007 kg

Packing unit: 100



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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Rated current (continuous) [A]:	10
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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:	Gold plated
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Type of manufacture:	Turned
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Connection type:	Crimp
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Wire section [mm ²]:	1
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Wire section [AWG]:	18
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Stripping length [mm]:	6
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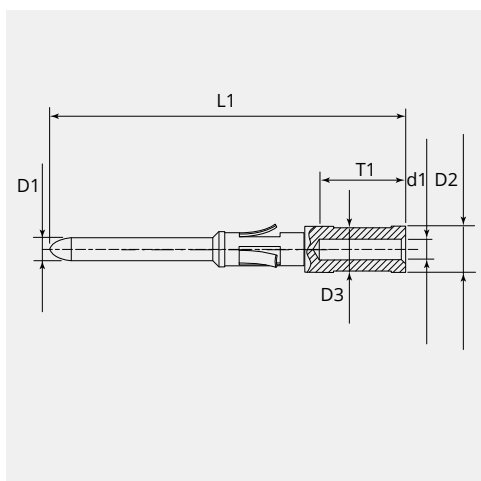
REACH-compliant:	SVHC substances, yes - Lead
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RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)
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STANDARDS

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

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	1.6
D2 Ø [mm]:	3.2
D3 Ø [mm]:	2.6
d1 Ø [mm]:	1.45
L1 [mm]:	24.7
T1 [mm]:	6.0

Pin contact 10A, 2.5mm²

Item number: GMRC-PZC-2.5AU

Packing unit: 100



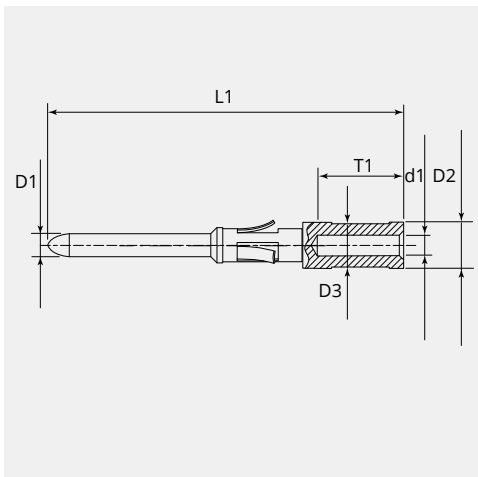
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	10
Contact resistance (mΩ) :	≤3
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	2.5
Wire section [AWG]:	14
Stripping length [mm]:	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

D1 Ø [mm]:	1.6
D2 Ø [mm]:	3.2
D3 Ø [mm]:	3.2
d1 Ø [mm]:	2.25
L1 [mm]:	24.7
T1 [mm]:	6.0

Pin contact 10A, 0.25mm²

Item number: GMRC-PDC-0.25AU

Product weight (kg): 0.0006 kg

Packing unit: 100



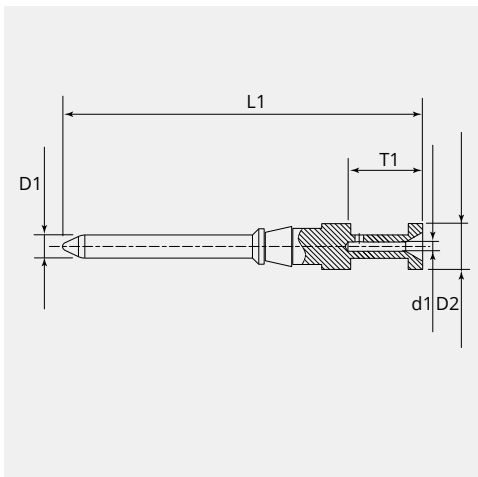
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	10
Contact resistance (mΩ) :	≤3
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	0.09 - 0.25
Wire section [AWG]:	28 - 24
Stripping length [mm]:	5
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]:	1.58
D2 Ø [mm]:	3.2
d1 Ø [mm]:	0.65
L1 [mm]:	25.0
T1 [mm]:	5.2

Pin contact 10A, 0.5mm²

Item number: GMRC-PZC-0.50AU

Product weight (kg): 0.0007 kg

Packing unit: 100



MECHANICAL PROPERTIES CONTACTS

Contact type: Pin

Rated current (continuous) [A]: 10

Contact resistance (mΩ) : ≤3

Contact Material: CU alloy

Coating: Gold

Protective layer: Gold plated

Type of manufacture: Turned

Connection type: Crimp

Wire section [mm²]: 0.5

Wire section [AWG]: 20

Stripping length [mm]: 6

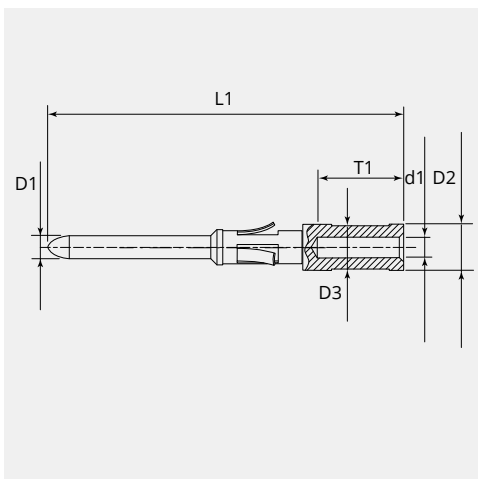
REACH-compliant: SVHC substances, yes - Lead

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

D1 Ø [mm]:	1.6
D2 Ø [mm]:	3.2
D3 Ø [mm]:	2.6
d1 Ø [mm]:	1.1
L1 [mm]:	24.7
T1 [mm]:	6.0