

Module 25 pole,socket, 50V, 4A

Number of slots: 1

Item number: GMRM-50-4-25SSC-01

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	1
Number of contacts:	25
Contact type:	Socket
Number of mating cycles (min.):	500

THERMAL PROPERTIES

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

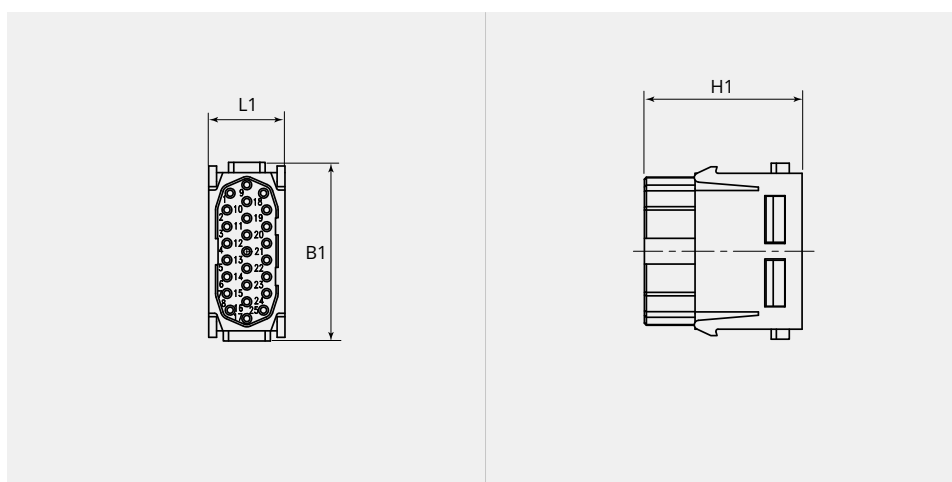
ELECTRICAL PROPERTIES

Rated current [A]:	4
Operating voltage [V]:	50
Test voltage DC [V]:	0.8
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]:	30.7
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Height [mm]:	34.2
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L1 [mm]:	14.6
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Socket contact 5A, 0.25mm²

Item number: GMRC-SSC-0.25AU
Product weight (kg): 0.0002 kg
Packing unit: 100



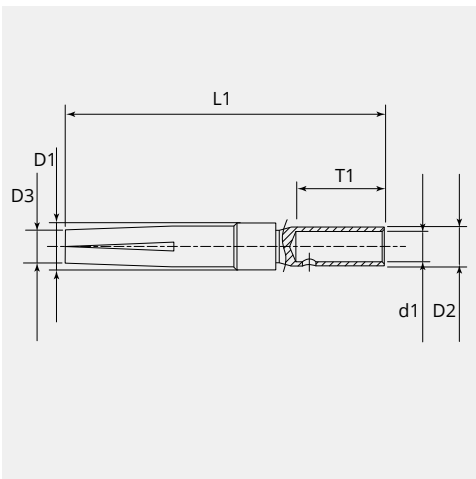
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Rated current (continuous) [A]:	5
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

D2 Ø [mm]:	1.66
d1 Ø [mm]:	0.64
L1 [mm]:	14.4
T1 [mm]:	4.0

Socket contact 5A, 0.33mm²

Item number: GMRC-SSC-0.33AU

Packing unit: 100



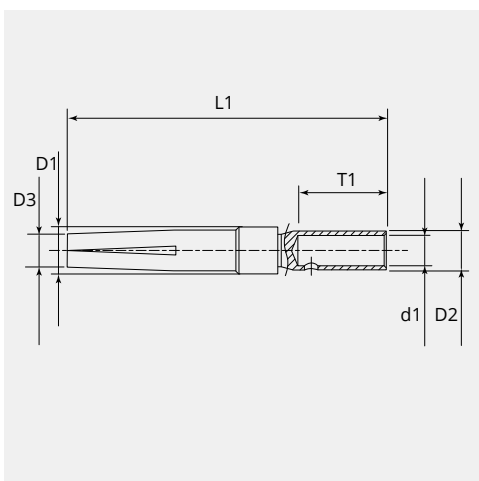
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Rated current (continuous) [A]:	5
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]:	0.25 - 0.33
Wire section [AWG]:	26 - 22
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

D2 Ø [mm]:	1.66
d1 Ø [mm]:	0.9
L1 [mm]:	14.4
T1 [mm]:	4.0

Socket contact 5A, 0.52mm²

Item number: GMRC-SSC-0.52AU
Product weight (kg): 0.0001 kg
Packing unit: 100



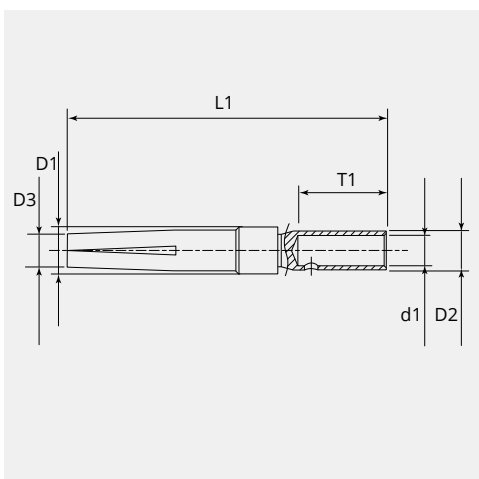
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Rated current (continuous) [A]:	5
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]:	0.33 - 0.52
Wire section [AWG]:	22 - 20
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

D2 Ø [mm]:	1.66
d1 Ø [mm]:	1.12
L1 [mm]:	14.4
T1 [mm]:	4.0