

Q-Coax insert 4 pole, socket, 50V, 10A

Suitable for carrier GMRM-AQC-2S-02

Item number: GMRM-50-10-4SZC-AQC

Product weight (kg): 0.0274 kg

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of contacts:	4 + SH
Contact type:	Socket
Shell material:	Zinc cast
Surface:	Electroless nickel
Number of mating cycles (min.):	500
Cable diameter [mm]:	3 - 9.5

THERMAL PROPERTIES

Material contact insert:	Polycarbonate (PC)
Operating temperature insert [°C]:	-40 - +85

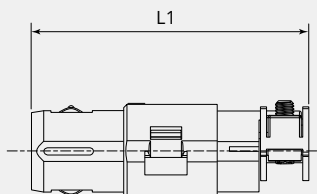
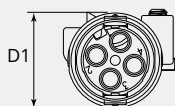
ELECTRICAL PROPERTIES

Rated current [A]:	10
Operating voltage [V]:	50
Test voltage DC [V]:	0.8
Pollution degree:	3

STANDARDS

Fire protection class EN 45545-2:	R22/HL1,HL2 R23,24/HL1,HL2,HL3
RoHS-compliant:	Compliant acc. to 2015/863/EU (RoHS II), Annex II
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS





DIMENSIONS

D1 Ø [mm]:	15.5
L1 [mm]:	45.9

Socket contact 10A, 1.0mm²

Item number: GMRC-SZC-1.0AU

Product weight (kg): 0.0006 kg

Packing unit: 100



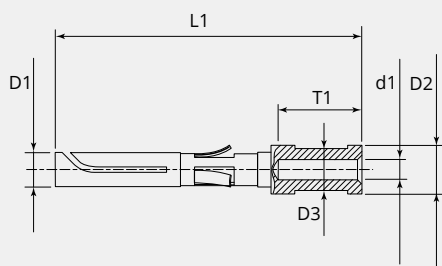
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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
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]:	2.5
D2 Ø [mm]:	3.5
D3 Ø [mm]:	2.6
d1 Ø [mm]:	1.45
L1 [mm]:	22.0
T1 [mm]:	6.0

Socket contact 10A, 0.5mm²

Item number: GMRC-SZC-0.50AU
Product weight (kg): 0.0008 kg
Packing unit: 100



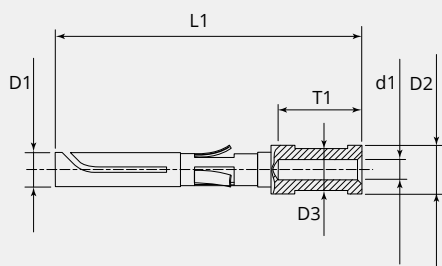
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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]:	0.5
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]:	2.5
D2 Ø [mm]:	3.5
D3 Ø [mm]:	2.6
d1 Ø [mm]:	1.1
L1 [mm]:	22.0
T1 [mm]:	6.0

Socket contact 10A, 1.5mm²

Item number: GMRC-SZC-1.5AU

Packing unit: 100



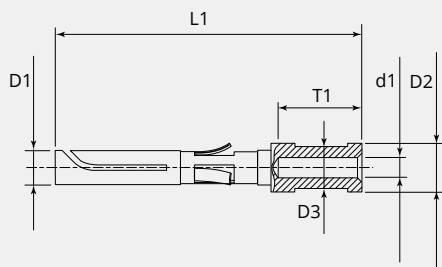
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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]:	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]:	2.5
D2 Ø [mm]:	3.5
D3 Ø [mm]:	3.0
d1 Ø [mm]:	1.75
L1 [mm]:	22.0
T1 [mm]:	6.0

Socket contact 10A, 0.37mm²

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



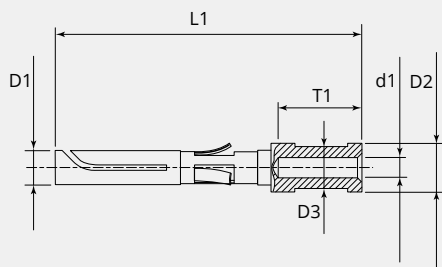
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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]:	2.5
D2 Ø [mm]:	3.5
D3 Ø [mm]:	2.6
d1 Ø [mm]:	0.9
L1 [mm]:	22.0
T1 [mm]:	6.0

Socket contact 10A, 0.25mm²

Item number: GMRC-SDC-0.25AU
Product weight (kg): 0.0007 kg
Packing unit: 100



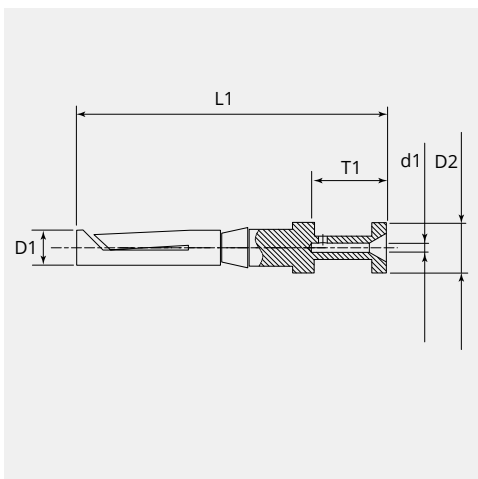
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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

D2 Ø [mm]:	3.5
d1 Ø [mm]:	0.65
L1 [mm]:	21.5
T1 [mm]:	5.2

Socket contact 10A, 0.75mm²

Item number: GMRC-SZC-0.75AU

Packing unit: 100



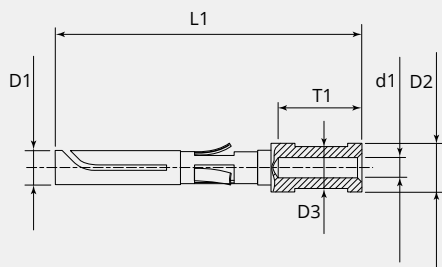
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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
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]:	2.5
D2 Ø [mm]:	3.5
D3 Ø [mm]:	2.6
d1 Ø [mm]:	1.3
L1 [mm]:	22.0
T1 [mm]:	6.0

Socket contact 10A, 2.5mm²

Item number: GMRC-SZC-2.5AU

Packing unit: 100



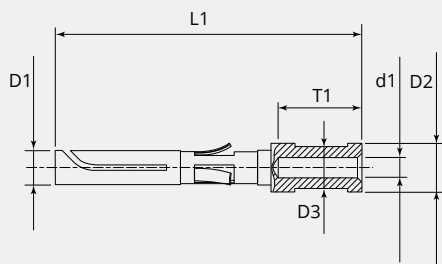
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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]:	2.5
D2 Ø [mm]:	3.5
D3 Ø [mm]:	3.2
d1 Ø [mm]:	2.25
L1 [mm]:	22.0
T1 [mm]:	6.0