

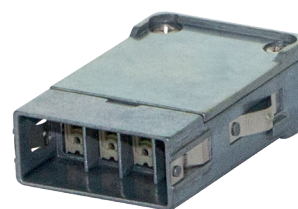
GigaBit module 8 pole, pin, EMI, 50V, 5A

Number of slots: 1

Item number: GMRM-GBE-8PSC-AMG

Product weight (kg): 0.0352 kg

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	1
Number of contacts:	8 (4 x 2)
Contact type:	Pin
Shell material:	Zinc cast
Surface:	Passivated
Number of mating cycles (min.):	500
Clamping range [mm]:	5 - 12

THERMAL PROPERTIES

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

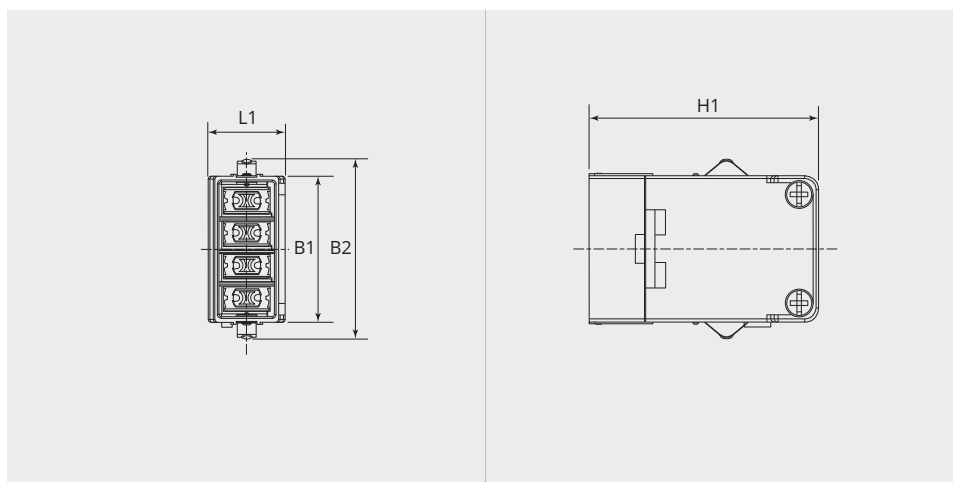
ELECTRICAL PROPERTIES

Rated current [A]:	5
Operating voltage [V]:	50
Test voltage DC [V]:	0.8
Insulation resistance (Ω):	≤ 0.004
Pollution degree:	3
EMI:	Shell contact

STANDARDS

Fire protection class EN 45545-2:	R22/HL1,HL2 R23,24/HL1,HL2,HL3
Flammability rating UL 94:	V0
RoHS-compliant:	Compliant acc. to 2015/863/EU (RoHS II), Annex II
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS





DIMENSIONS

B1 [mm]:	33.0
B2 [mm]:	26.4
Height [mm]:	41.4
L1 [mm]:	13.9

Pin contact 5A, 0.25mm²

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



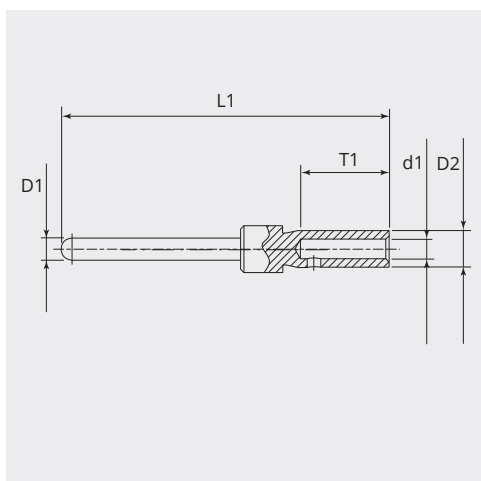
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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

D1 Ø [mm]:	1
D2 Ø [mm]:	1.66
d1 Ø [mm]:	0.64
L1 [mm]:	14.8
T1 [mm]:	4.0

Pin contact 5A, 0.52mm²

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



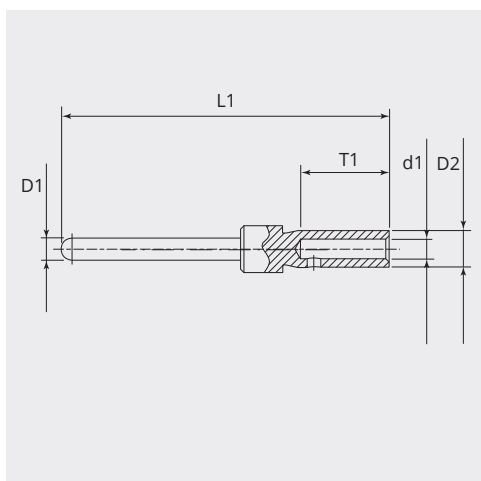
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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

D1 Ø [mm]:	1
D2 Ø [mm]:	1.66
d1 Ø [mm]:	1.12
L1 [mm]:	14.8
T1 [mm]:	4.0

Pin contact 5A, 0.33mm²

Item number: GMRC-PSC-0.33AU

Packing unit: 100



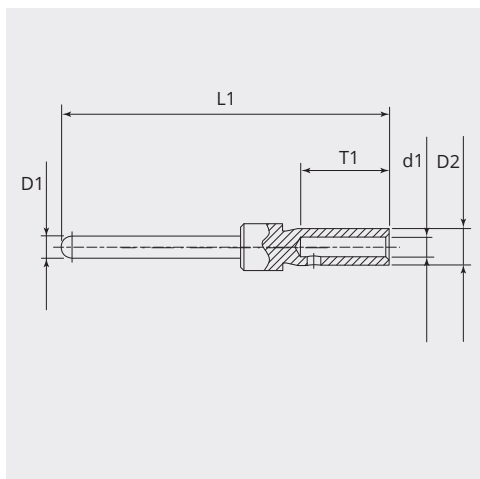
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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

D1 Ø [mm]:	1
D2 Ø [mm]:	1.66
d1 Ø [mm]:	0.9
L1 [mm]:	14.8
T1 [mm]:	4.0