

Plug module set 10Pol, with EMI adapter

for GM series

Item number: GMM6XE14SZ-10S-EAE-A09

Product weight (kg): 0.0305 kg

Packing unit: 1



MECHANICAL PROPERTIES

Contact type:	Socket
Number of contacts:	10
Number of contacts, size 20:	10
Shell material:	Aluminum alloy
Surface:	Electroless nickel
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Blank
Corrosion resistance [h]:	48
Operation temperature [°C]:	-55 - +125
Temperature shock [°C]:	-55 - +125
Conductivity (M Ω):	≤ 0.5
EMI:	Yes
Material sealing ring:	Silicone

THERMAL PROPERTIES

Material contact insert:	Ethylene acrylate GXF
Operating temperature insert [°C]:	-55 - +150

ELECTRICAL PROPERTIES

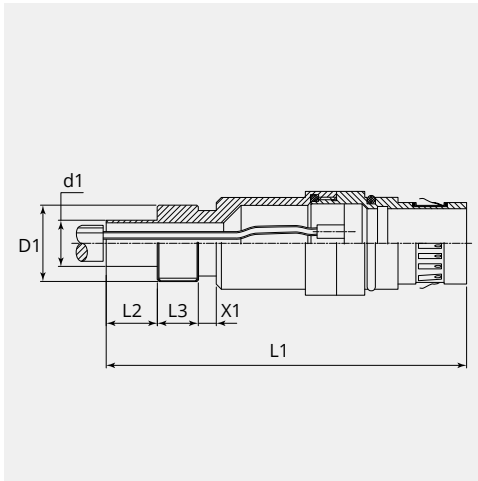
Operating voltage DC [V]:	750
Operating voltage AC [V]:	600
Test voltage AC [V]:	1500
Insulation resistance (mΩ):	≥ 5000
Voltage class:	SPEC.

ELECTRICAL PROPERTIES CONTACTS

Size 16S - rated current (continuous) [A]:	7.5
Size 16S - maximum current (short-term) [A]:	12
Size 16S - test current [A]:	9

STANDARDS

Fire protection class EN 45545-2:	R23/HL3
-----------------------------------	---------



D1 Ø [mm]:	14.9
d1 Ø [mm]:	9.0
L1 [mm]:	70.4
L2 [mm]:	10.0
L3 [mm]:	8.0
X1 [mm]:	3.5

SCOPE OF DELIVERY

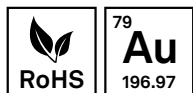
- 1x GMM6-14SZ-10S-EAE
- 1x EC-14-09-AE-A01
- 1x SUGSC500
- 1x FTH11-06

Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 / 37 Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock tested acc. MIL 202F, 107G Method Electrical conductivity acc. MIL 1344A, Test 3007

Socket contact size 20, 0.5mm²

Item number: 10-40548-05AU

Packing unit: 1



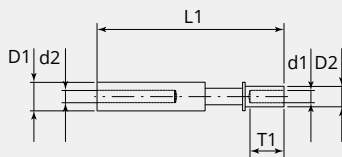
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	7.5
Test current [A]:	9
Rated current (continuous) [A]:	7.5
Contact Material:	CU alloy

MECHANICAL PROPERTIES CONTACTS

Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm²]:	0.5
Wire section [AWG]:	20
Stripping length [mm]:	4.5

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	2
D2 Ø [mm]:	1.9
d1 Ø [mm]:	1.3



DIMENSIONS

d2 Ø [mm]:	1.15
L1 [mm]:	20.2
T1 [mm]:	4.3