

Receptacle module set 7Pol, with EMI adapter

for GM series

Item number: GMM1XE14S-A7P-EAE-A09

Product weight (kg): 0.0301 kg

Packing unit: 1



MECHANICAL PROPERTIES

Contact type:	Pin
Number of contacts:	7
Number of contacts, size 16s:	7
Shell material:	Aluminum alloy
Surface:	Electroless nickel
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Blank
Corrosion resistance [h]:	48
Operation temperature [$^{\circ}$ C]:	-55 - +125
Temperature shock [$^{\circ}$ 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

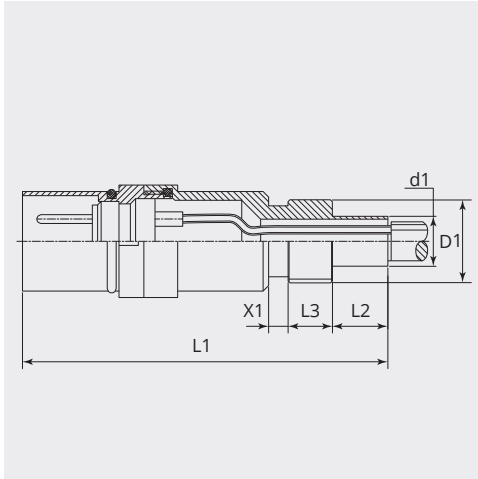
Operating voltage DC [V]:	250
Operating voltage AC [V]:	200
Test voltage AC [V]:	1000
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 1.6
Voltage class:	MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

Size 16S - rated current (continuous) [A]:	13
Size 16S - maximum current (short-term) [A]:	22
Size 16S - test current [A]:	20

STANDARDS

Fire protection class EN 45545-2:	R23/HL3
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D1 Ø [mm]:	14.9
d1 Ø [mm]:	9.0
L1 [mm]:	65.9
L2 [mm]:	10.0
L3 [mm]:	8.0
X1 [mm]:	3.5

SCOPE OF DELIVERY

- 1x GMM1-14S-A7P-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

Pin contact size 16S, 0.25 - 0.5mm²

Item number: 10-40553-05AU

Product weight (kg): 0.0006 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	22
Test current [A]:	20
Rated current (continuous) [A]:	13
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.25 - 0.5
Wire section [AWG]:	22 - 20
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.15
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.1
L1 [mm]:	27
T1 [mm]:	6.4

Pin contact size 16S, 0.75 - 1.5mm²

Item number: 10-40553AU

Product weight (kg): 0.0006 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	22
Test current [A]:	20
Rated current (continuous) [A]:	13
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.75 - 1.5
Wire section [AWG]:	16
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.62
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.75
L1 [mm]:	27
T1 [mm]:	6.4