

Receptacle module set 10Pol, with EMI adapter

for GM series

Item number: GMM1XE14SZ-10P-EAE-A5

Packing unit: 1



MECHANICAL PROPERTIES

Contact type:	Pin
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 [$^{\circ}$ 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

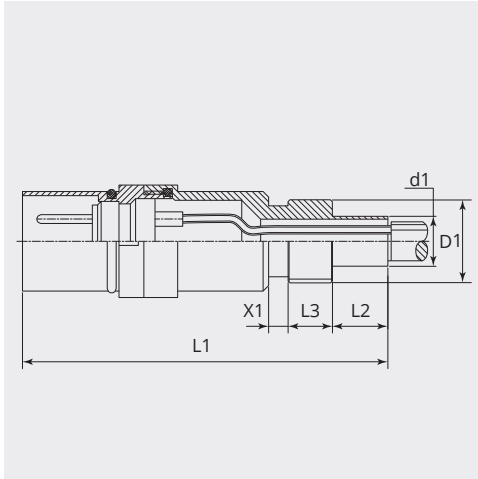
Operating voltage DC [V]:	750
Operating voltage AC [V]:	600
Test voltage AC [V]:	1500
Insulation resistance (mΩ):	≥ 5000
Voltage class:	SPEC.

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
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D1 Ø [mm]:	14.9
d1 Ø [mm]:	5.0
L1 [mm]:	65.9
L2 [mm]:	10.0
L3 [mm]:	8.0
X1 [mm]:	3.5

SCOPE OF DELIVERY

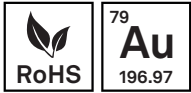
- 1x GMM1-14SZ-10P-EAE
- 1x EC-14-05-AE-A01
- 1x SUGSC297
- 1x FTH08-04

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 20, 0.5mm²

Item number: 10-40549-05AU

Packing unit: 1



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	7.5
Test current [A]:	9
Rated current (continuous) [A]:	7.5
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.5
Wire section [AWG]:	20
Stripping length [mm]:	4.5

DIMENSIONS

D1 Ø [mm]:	2
D2 Ø [mm]:	1.9
D3 Ø [mm]:	1
d1 Ø [mm]:	1.3
L1 [mm]:	20.4
T1 [mm]:	4.3