



Receptacle module set 7Pol, with EMI adapter

for GM series

Item number: GMM1XE14S-A7P-EAE-A09

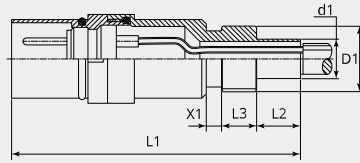
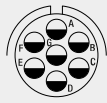
Packing unit: 1

Mechanical properties

Contact type:	Pin
Shell material:	Aluminum alloy
Surface treatment:	Electroless nickel
Thickness of surface treatment:	12-15μ
Surface colour:	blank
Corrosion resistance (h):	48
Operation temperature:	-55°C - +125°C
Temperature shock:	-55°C - +125°C
Conductivity (MΩ):	≤ 0.5
EMI:	Yes
Material sealing ring:	Silicone

Thermal properties

Material contact insert:	Ethylene acrylate GXF
Operating temperature:	-55°C - +150°C
Fire protection class DIN EN 45545-2:	R23/HL3



D1 (Ø):	14.9
d1 (Ø):	9.0
L1 (mm):	65.9
L2 (mm):	10.0
L3 (mm):	8.0
X1 (mm):	3.5

Electrical properties

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

Electrical properties contacts

Size 16S - nominal current (A):	13
Size 16S - maximal current (A):	22
Size 16S - test current (A):	20

Scope of delivery

Plugs:	1x GMM1-14S-A7P-EAE
Back shell:	1x EC-14-09-AE-A01
Shielding sleeves:	1x SUGSC500
Heatshrinkable shapes:	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

Complementary products:

Contacts:



10-40553-05AU

Pin contact size 16S, 0.25 - 0.5mm²



10-40553AU

Pin contact size 16S, 0.75 - 1.5mm²