



# Receptacle module set 4Pol, with EMI adapter

for GM series

Item number: GMM1XE14S-2P-EAE-A09

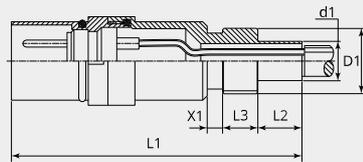
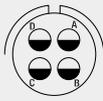
Packing unit: 1

## 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



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

## Electrical properties

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

## Electrical properties contacts

<b>Size 16S - nominal current (A):</b>	13
<b>Size 16S - maximal current (A):</b>	22
<b>Size 16S - test current (A):</b>	20

## Scope of delivery

<b>Plugs:</b>	1x GMM1-14S-2P-EAE
<b>Back shell:</b>	1x EC-14-09-AE-A01
<b>Shielding sleeves:</b>	1x SUGSC500
<b>Heatshrinkable shapes:</b>	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