



Plug module set 10Pol, with EMI adapter

for GM series

Item number: GMM6XE14SZ-10S-EAE-A09

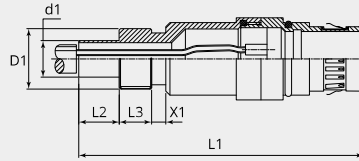
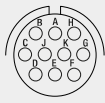
Packing unit: 1

Mechanical properties

Contact type:	Socket
Number of contacts, size 20:	10
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):	70.4
L2 (mm):	10.0
L3 (mm):	8.0
X1 (mm):	3.5

Electrical properties

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

Electrical properties contacts

Size 16S - nominal current (A):	7.5
Size 16S - maximal current (A):	12
Size 16S - test current (A):	9

Scope of delivery

Plugs:	1x GMM6-14SZ-10S-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