

Plug-set with bayonet coupling nut, for EMI applications

Series GB

Item number: GB061XE14SZ-10PY-EAE-A21

Packing unit: 1



THE SET INCLUDES:

Plug:	GB601-14SZ-10PY-EAE
Backshell:	EC-14-09-AE
Accessories:	SUGSC500 FTH11-06 PP14S-D
Contacts:	10-40549-05AU (8)

MECHANICAL PROPERTIES

Size:	14S
Contact type:	Pin contact
Shell material:	Aluminum alloy
Surface:	Electroless nickel
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Blank
Corrosion resistance [h]:	48
Operation temperature [°C]:	-55 - +125
Conductivity (M Ω):	≤ 0.5
EMI:	Yes
Material sealing ring:	Silicone
Coupling-torque to lock [Nm]:	max. 1.8
Coupling-torque to open [Nm]:	min. 0.55

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

ELECTRICAL PROPERTIES CONTACTS

Size 20 - rated current (continuous) [A]:	7.5
Size 20 - maximum current (short-term) [A]:	7.5
Size 20 - test current [A]:	7.5

STANDARDS

Fire protection class EN 45545-2:	R22:HL1/HL2/HL3 R23: HL1/HL2/HL3
Protection class EN 60529 (mounted):	IP69

DIMENSIONAL DRAWING



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D1 Ø [mm]:	29.5
D2 Ø [mm]:	24
d1 Ø [mm]:	5.2 / 9.2
L1 [mm]:	65