

Plug-set with rubberised bayonet ring, angled

Item number: GB084XL14SZ-10PN-EAA-A31

Packing unit: 1



THE SET INCLUDES:

Plug:	GB604-14SZ-10PN-EAA
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Backshell:	BEN14-AA; EII14S-09-AA
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Accessories:	FTH14-06
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MECHANICAL PROPERTIES

Size:	14S
Contact type:	Pin
Number of coding options:	1
Number of contacts, size 16s:	10
Shell material:	Aluminum alloy
Surface:	Zinc
Type of surface:	Passivated
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Black
Corrosion resistance [h]:	200
Operation temperature [°C]:	-55 - +90
Temperature shock [°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
Number of mating cycles (min.):	500

THERMAL PROPERTIES

Material contact insert:	Ethylene acrylate GXF / thermoplastic
Operating temperature insert [°C]:	-55 - +150
Temperature shock [°C]:	-55 - +125

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

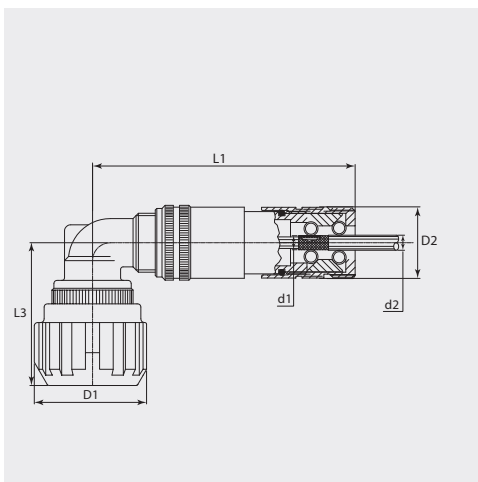
ELECTRICAL PROPERTIES CONTACTS

Size 16S - rated current (continuous) [A]:	13
Size 16S - maximum current (short-term) [A]:	22
Size 16S - test current [A]:	20

STANDARDS

Fire protection class EN 45545-2:	R23/HL3
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DIMENSIONS



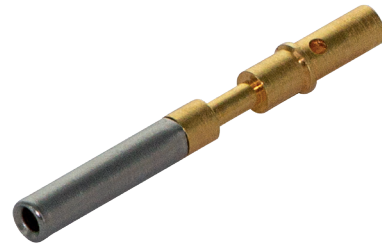
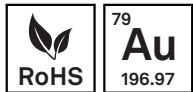
DIMENSIONS

D1 Ø [mm]:	40.2
d1 Ø [mm]:	4-7
d2 Ø [mm]:	8.5-13.5
L1 [mm]:	87
L3 [mm]:	47

Socket contact size 20, 0.5mm²

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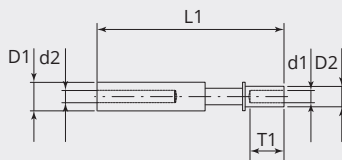
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	7.5
Test current [A]:	9
Rated current (continuous) [A]:	7.5
Contact Material:	CU alloy

MECHANICAL PROPERTIES CONTACTS

Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm²]:	0.5
Wire section [AWG]:	20
Stripping length [mm]:	4.5

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	2
D2 Ø [mm]:	1.9
d1 Ø [mm]:	1.3



DIMENSIONS

d2 Ø [mm]:	1.15
L1 [mm]:	20.2
T1 [mm]:	4.3