

ZS4800-2042 | DC link connector X02

grid 10.16mm, female, IP 20, 6-pin, clamping type

Connector

Electrical data	
Rated voltage	1000V (according to IEC 60664-1 / IEC 61984) 600 V (UL)
Rated current	70 A at 40°C (according to IEC 60664-1 / IEC 61984) 60 A at 40°C (UL)
Rated impulse voltage	6000 V (according to IEC 60664-1 / IEC 61984)
Overtoltage category	III / II (according to IEC 60664-1 / IEC 61984)
Shield	no
Contact resistance	<5mΩ
Mechanical data	
Installation size	10.16 mm
Connector type	plug
Configuration	straight
Contact type	female
Number of positions	6
Wire termination	clamping type
Recommended torque, nut	1.2 – 1.5 Nm
Mating cycles	25
Weight	0.080 kg/pcs
Contact carrier color	black
Contact carrier material	PA GF, UL 94 V-0
Contact material	copper alloy
Contact plating	silvered
max. wire cross section	0.25 – 16 mm ² (AWG24 – AWG6)
Environmental data	
Other characteristics	RoHS-conform, UL-certified, UL 94-V0
Operation temperature range in °C	-50°C up to 130°C
Protection level	IP20
Degree of pollution	3/2
Ordering information	
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