



Motor-Connector

Grid 7.62mm, plug, IP 20, 2-pin, quick lock type

Connector

Electrical data	
Rated voltage	1000V / 800V (according to IEC 60664-1 / IEC 61984)
Rated current	41A bei 40°C (according to IEC 60664-1 / IEC 61984)
Rated impulse voltage	8kV (according to IEC 60664-1 / IEC 61984)
Overvoltage category	III / II (according to IEC 60664-1 / IEC 61984)
Shield	ja
Contact resistance	<5mΩ
Mechanical data	
Installation size (M12, M8,...)	7.62 mm
Connector type (plug, socket)	plug
Configuration (straight, angled)	straight
Contact type (male, female)	female
Number of positions (face)	2
Wire termination	screw
Recommended torque, nut	0.6Nm
Mating cycles	25
Weight	0.012 kg/pcs
Body color	black
Body material	PA GF, UL 94 V-0
Contact carrier color	black
Contact carrier material	PA GF, UL 94 V-0
Contact material	Cu
Contact plating	tinned
max. wire cross section	0.5 - 6.00mm ² (AWG20 – AWG10)
Environmental data	
Other characteristics	RoHS-conform, UL-certified, UL 94-V0
Operation temperature range in °C (°F)	-50°C up to 125°C (-58°F up to 257°F)
UV resistance	yes
Oil resistance	yes
Protection level	IP20
Degree of pollution	3/2
Ordering information	
ZS4500-2002	