

MegaLine® Connect100 jack module

VK format

MC100 8C7A category 7_A / 6_A



Constructive characteristics

Material (insulating parts)	Polycarbonat, white
Material (dust protection flap)	Polycarbonat transparent
Material	FR4 (printed circuit board)
Material contact area	Gold plating

Construction

Material (housing)	die-cast zinc, nickel-plated
Material	FR4 (printed circuit board)

Electrical characteristics

Technology	electrical
Temperature range	-40°C - +70°C
Insertion force (front) (max.)	30 N
Insertion cycles (front) (min.)	750
Insertion cycles (module cable plug) (min.)	100

Connections

Mating face	8C7A / ARJ45
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Contact resistance (max.)		20 mOhm
Insulation resistance between contacts (min.)	min.	500 mOhm
Dielectric strength contact-contact (min.)	min.	1000 V DC/AC
Dielectric strength contact-shielding (min.)	min.	1500 V DC/AC
Current rating (50 °C)		1.25 A

Dimensions

Width	15 mm
Height	23.5 mm
Depth	30 mm

Standards, certificates and approvals

Connector standard	IEC 61076-3-110
Cabling standard	ISO/IEC 11801
Power supply	IEEE 802.3bt, 4PPoE

Item description (catalogue)	Category	Part number
MC100 8C7A category 7 _A / 6 _A	7 _A	LKD9A9020200000