



MegaLine[®] Connect45

Jack module Keystone Cat.6_A

Standards

Plug IEC 60603-7-51

Mechanical characteristics

Assembly dimension 19.3 mm x 14.7 mm x 41.7mm (HxBxD)
 Engaging force ≤ 30 N
 Contact durability (frontside (RJ45)) ≥ 750
 Contact durability (backside) ≥ 100
 Basic material (housing) Zinc-diecast
 Basic material (isolation parts) PC aqua
 Basic material (PCB) FR4
 Gold plating (contact area) 50μ
 Contacting AWG 27-22 (depending on cable plug, AWG24-22 included)
Assembling exclusively with MC45 assembly tool 9A504001
 Cable diameter 5 mm – 10 mm

Environmental characteristics

Protection class IP20
 Temperature range -40°C - +70°C

Electrical characteristics

Contact resistance ≤ 20 mOhm
 Isolation resistance between contacts ≥ 500 MOhm
 Proof voltage (contact-contact) ≥ 1,000 V DC/AC peak
 Proof voltage (contact-shielding) ≥ 1,500 V DC/AC peak
 Max. current (50°C) 1.25 A
 PoE+ acc. to IEEE802.3at is supported

Transmission characteristics

class E_A acc. to ISO/IEC 11801 Amendment 1/2 (link length typ. >1m), in combination with a CP cable: CP link typ. >10m
 10 GbE is supported

P/N	Description	Parts per unit
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