

INDUSTRIAL & COMMERCIAL TRANSPORTATION SERIES BRIEF

High Power Connectivity Solution

TE Connectivity's (TE) high-power AMP MCP 9.5 two position connectors are designed for harsh environment wire-to-wire and wire-to-circuit board connections. They are constructed of heavy-duty thermoplastic and withstand severe vibration and mechanical shock. The connectors feature an integrated secondary lock that confirms contact alignment and retention. Several mounting options are available, including inline, flange, sealed flange, and PCB mount, making the connectors suitable for numerous application types. No tools are required for mounting and the connectors feature a slide lock for easy mating. For harsh environment applications that require a high-power, environmentally sealed two position electrical connector, the AMP MCP 9.5 two position connectors are a reliable solution.







Featured:

AMP MCP 9.5 TWO POSITION CONNECTORS

SPECIFICATIONS

Current Rating:
78 amps using 10 mm^2

Maximum Voltage:
28 V DC

Operating Temperature:
-30°C to +100°C

Additional Information:
- Product Specification, 108-18809
- Application Specification, 114-18501
- IP 67 and IP 69K rated with backshell

Common Part Numbers

Here are some of the common part numbers for AMP 9.5 two position connectors and related products. Several additional products may be available.



Description	Part Number
Receptacle housing, AMP MCP, 2-way, black	1355328-1



Tab housing, AMP MCP, 2 way, black, no flange seal	1394026-2
Tab housing, AMP MCP, 2 way, black, with flange seal	1394026-1



Header, AMP MCP, 2 way, black 180° molded silver pins, PCB mount	2282162-1



Receptacle contact, strip form, size 9.5, 6.0-10.0 mm^2 wire, 4.6-6.4 mm insulation, pre-tin plated	1-967590-1
Tab contact, strip form, size 9.5, 6.0-10.0 mm^2 wire, 4.6-6.6 mm insulation, pre-tin plated	963774-1



Wire seal, AMP MCP, 5.8-6.6 insulation, blue	1355437-2
Backshell, AMP MCP, 2 way, 90°, tab and receptacle housing, NW17 tubing	2286685-1



Tool, extraction, 9.5, receptacles	539971-1
Tool, extraction, 9.5, tabs	1-1579007-7

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SERIES BRIEF

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TE Connectivity:

1903112-2 3430B2F51RTDF 917696-1 141991-2 3631B101LL ROX05SJ18R SBCHE64R7K 1-794222-0 175977-2 CRGCQ2010J3K3 CPF0402B37K4E1 1393431-1 1743455-2 1969656-1 2377783-2 U5254-000005-030PA 2-292161-3 3-1393225-0 650075-000 936348-1 SBCHE154R7K SMW73R0JT 2834055-1 1-962915-1 2005330-1 2310537-1 MPT100C18RF RH73H2A40MKTN TE50BR39J 2380312-2