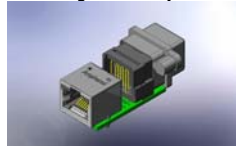


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MRJ CONNECTOR SERIES

About Amphenol Commercial Products

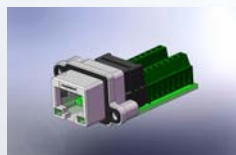
Amphenol's Commercial Connector Products are used in a variety of end user applications including Networking, Telecom, Server & Computer, Storage & HDD, Consumer Electronics and Entertainment, Professional Audio, Industrial & Military/Aerospace



With matching RJ45



With Cable Header



With Terminal Block



With PCB for wiring



Description

The design of Amphenol Canada's rugged RJ45 is ideal for harsh environments where Ethernet/IP protocol is used.

These connectors are available in 8 or 10 contact versions, right angle and vertical mount PCB with the option of adding LED's, EMI filtering and transient voltage protection. Both termination styles are available with a matching RJ45 connector, cable header and terminal block mounted on a PCB.

Other features include damage protection against accidental mating with an RJ11 or an improperly terminated RJ plug.

Applications

MARKETS:

Industrial

Military

APPLICATIONS

Medical Equipment
ATM Machines
Lottery Terminals & Slot Machines
GPS
Positioning Equipment for Agriculture market
Military Vehicles
Military Radios
Test Equipment
Mobile Communication Systems
Military Computers

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RELATED PRODUCTS

Amphenol manufactures a line of rugged USB, rugged D-sub and rugged bulkhead adapters, all meeting IP67. Contact your local Amphenol representative for details.



Electrical Properties

Current Rating: 1.5 Amperes
Contact Resistance: 30 milliohms maximum
Insulation Resistance: 500 Mega ohm minimum
DWV: 1000/1500 V AC @ sea level

Environmental Properties

RoHS Compliant
Operating Temperature: -40°C to +105°C
Thermal Shock: 25 cycles @ -40° C to +70° C
Humidity: Per EIC512-6 / EIA364-11A

Mechanical & Material Properties

Shell: Die-cast Zinc, Nickel Plated
Housing: High Temperature Thermoplastic UL94V0, Black
Front Housing: Clear Polycarbonate
Contacts: Phosphor Bronze, 50 u" (1.27 microns) Gold over Nickel
Physical Shock: Per EIA 364-27 Condition H (11 ms 30G)
Vibration: Per EIA 364-28 per Condition 5, Letter A

Available Documents

Drawing Number: P-MRJ-5XXX-XX
P-MRJ-6XXX-XX
P-MRJ-7XXX-XX

QTR9300376

Part Number

MRJ-5XXX-XX
MRJ-6XXX-XX
MRJ-7XXX-XX

Amphenol

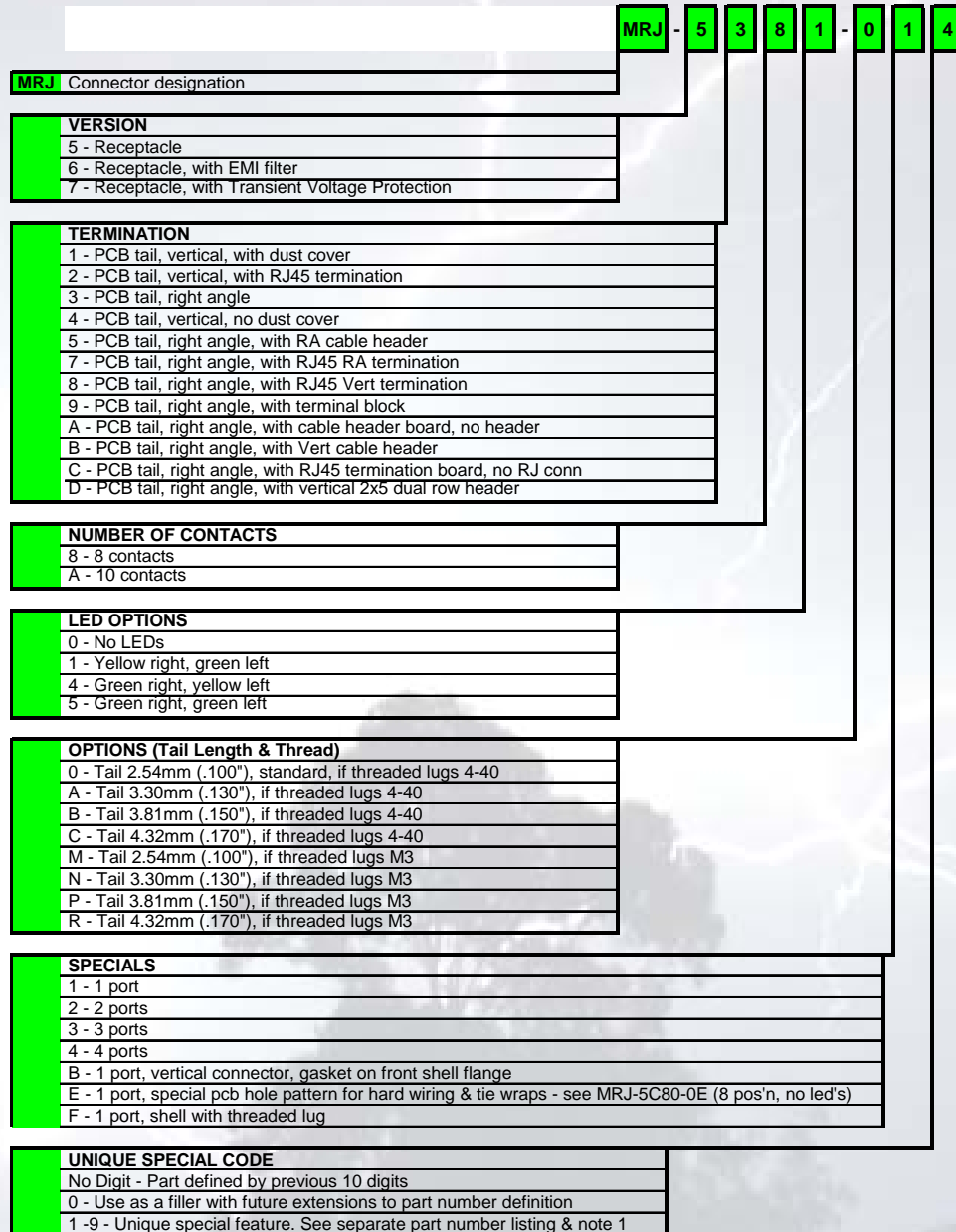
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MRJ CONNECTOR PRODUCT NUMBERING SYSTEM



Notes

1) Unique special code relates to total part number. Code 4, for example, may have different meanings depending upon the product.



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