

A Hopkins 2 Pole Flat Rubber Molded Connector useful for DC Task Lighting



hopkins 2 pole flat rubber molded connector

NAPA 755-1598 2 POLE FLAT TRAILER CONNECTOR

SAE connector hermaphrodite two-conductor DC automotive

2-CONDUCTOR WATERPROOF CONNECTORS, 18 AWG

1.35\$/each

<http://www.allelectronics.com/make-a-store/item/CON-320/2-CONDUCTOR-WATERPROOF-CONNECTORS-18-AWG//1.html>

The *SAE connector* is a [hermaphrodite](#) two-conductor, DC connector commonly used for [automotive](#) applications (also [motorcycles](#)). It is so named for the [Society of Automotive Engineers](#) who created its specifications.

This connector is typically used for applying a maintenance charge to a vehicle battery. The polarity of the connector, when installed in a vehicle and attached to a battery, is always such that no short circuit will occur if the exposed terminal were to touch the vehicle chassis. In most vehicles, this means that the exposed terminal connects to the negative terminal of the battery.

Conversely, the positive terminal on a battery charger is exposed, to mate with the concealed one on the vehicle side.

Although there is a risk of short-circuiting a battery charger, the risk is minimal and often mitigated by the circuitry of the battery charger itself. On the other hand, the [short circuit current](#) of the [lead-acid batteries](#) installed in vehicles is sufficiently great, that a short circuit could result in a fire or explosion. The priority is therefore given to avoiding short circuits of the vehicle battery, rather than of the charger.

http://en.wikipedia.org/wiki/DC_connector

2 Pole Molded Rubber Trailer Harness

<http://www.nwtrailer.com/Electrical.pdf>



1.

\$1.80 new

\$9.63 with tax and shipping

HardwareAndTools.com



\$1.43 new

Ron's Home & Hardware

[Hopkins 47965 2 Pole Flat Connector Set](#)

2 Pole, Flat Molded, Rubber, Trailer Connector Set, Male End, With 12" Leads, Female End, With 12" Leads.