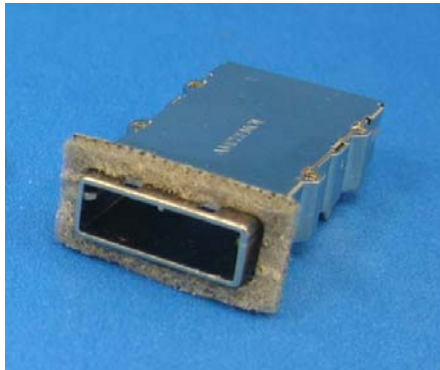


## Mini SAS – a new range of High Speed Connector

Amphenol's latest addition to the high speed family is a full range of mini SAS connectors. This connection system of compact multilane connector is based on industry proven card edge style contacts.



This connector system is designed to satisfy the needs of gigabit serial data transmission applications with speeds across the connector interface at speeds of up to 10 Gigabits per second on both rows of contacts. The connector is the latest innovation for Servers, Routers and Storage devices.

The cage is mounted separately to the body so that the stress imposed by insertion and removal of the cable plug does not affect the signal/body solder joints.



### Material specifications

<b>Cage</b>	Zinc diecast shell with 150 $\mu$ m of nickel plating EMC gasket: elastomer, UL94V-0 rated
<b>Contacts</b>	Phosphor bronze
<b>Cover</b>	Copper alloy with 150 $\mu$ m of nickel plating
<b>Housing</b>	Solder reflow process compatible LCP, UL94V-0 rated
<b>Plating</b>	30 $\mu$ m gold over 50 $\mu$ m nickel in contact areas 100 $\mu$ m matte tin over 50 $\mu$ m nickel in solder areas

### Electrical and Environmental Specifications

<b>Current rating</b>	0.5 Amps maximum/contact
<b>Durability</b>	250 Mating cycles minimum

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# Amphenol

*Now you're connected!*