Rosenberger expanded the product portfolio for 100BASE-T1 connections with AMEC Ethernet connectors. For this Rosenberger and Delphi have agreed in a technical partnership and will collaborate on high-performance, cost-effective, high-speed Ethernet solutions for the automotive market. The Delphi and Rosenberger AMEC program will be 100 % compatible, so the customer gets a fully approved second source.

For multi-Gbps Ethernet applications Rosenberger has developed the H-MTD connector system. Delphi will be the second source for this system as well.

Product Features
- Automotive graded differential connector according to LV 214 / USCAR
- Modular packages: 1-pole, 6-pole pin-in-paste, SMD and Hybrid connectors on request
- Scalable unshielded and shielded version
- AMEC for 100 Mbps data transmission available
- AMEC+ for 1 Gbps data transmisson on request
- Combines high robustness, cost efficiency and smallest packages
Product Portfolio

AMEC PCB Connectors

<table>
<thead>
<tr>
<th>Rosenberger No.</th>
<th>Connector Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>E8S101-40MXX-y</td>
<td>PCB Plug straight 1-pole pin-in-paste</td>
</tr>
<tr>
<td>E8S201-40MXX-y</td>
<td>PCB Plug right angle 1-pole pin-in-paste</td>
</tr>
<tr>
<td>E8S106-40MXX-y</td>
<td>PCB Plug straight 6-pole pin-in-paste</td>
</tr>
<tr>
<td>E8S206-40MXX-y</td>
<td>PCB Plug right angle 6-pole pin-in-paste</td>
</tr>
</tbody>
</table>

Applications

- Ethernet 100 Mbps – TC2
- Ethernet 1 Gbps – TC9
- LVDS & Camera systems
- Autonomous driving
- Driver assistance systems
- Rear seat entertainment

Website

For more information refer to our website:
www.rosenberger.com/amec

Rosenberger
Rosenberger Hochfrequenztechnik GmbH & Co. KG
Hauptstraße 1 | 83413 Fridolfing
P.O. Box 1260 | 84526 Tittmoning
Germany
Phone +49 8684 18-0
info@rosenberger.com
www.rosenberger.com
Certified by ISO/TS 16949 · DIN EN 9100 · ISO 9001 · ISO 14001

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