

Connector-System ECO-TRONIC CRIMP

With **ECO-TRONIC CRIMP** it concerns a connector system which is suitable for classical indirect connection and for space- and cost-saving direct connection.

The claims of different areas of application, in particular of the automobile industry, were considered by the constructive design.

By the performance profile this series is suited particularly for uses in the areas of LED lighting and display contacting. For uses like the contacting of sensors and actuators it is suited too.

The crimp design by VW 60330 guarantee a stable mechanically and electrically connection between contact and leader from 0.22 mm² to 0.50 mm² and with 2x 0,22 mm². The additional securing of the contacts occurs in an easy way by closing the premounted lid (secondary lock).

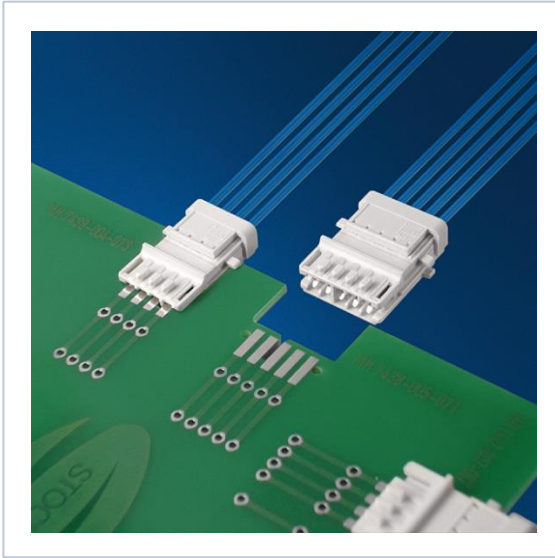
Displace security by polarisation elements, mechanical barriers against damage of contacts by disoriented mating, Koshiri security and an active lock between connector and PCB ensures the quality of the connection in the use and in the application.

In addition an automatic processing of the connector system ensures the quality standard about the whole manufacturing process.

CONFIDENTIAL

All rights are strictly reserved. Reproduction or disclosure to third parties in any form whatever is not permitted without written authorization from the proprietor. A violation is punishable.

ECO-TRONIC CRIMP



Characteristics

General:

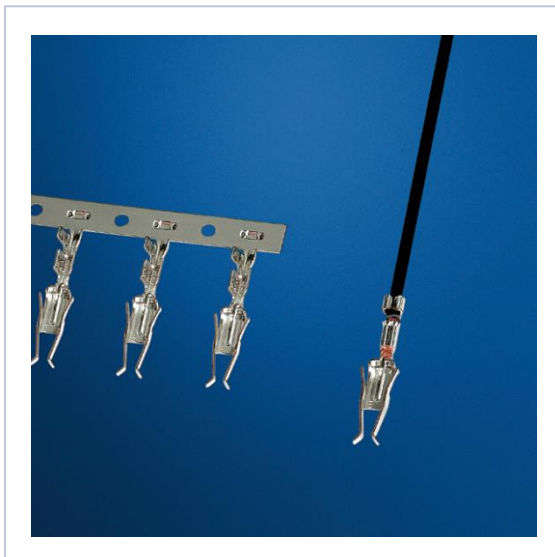
- Direct/ Indirect connector system
- Pitch 2.50 mm
- Color of housing nature
- Interface according to Rast 2.5
- Fulfils requirements by automotive
- Primary and secondary lock of contacts
- Polarisation und codings
- Active lock between plug and pin connector or PCB
- The endposition of the insertion is tactile
- Duration ambient temperature 120 °C (tin)
- Fulfils the list of illegal basic materials by REACH
- GWT 750° C by IEC 60335-1

Housing:

- Premounted secondary lock
- 180 ° wire outlet
- Loose packaging
- Termination of contacts by automatic machine possible

Contact:

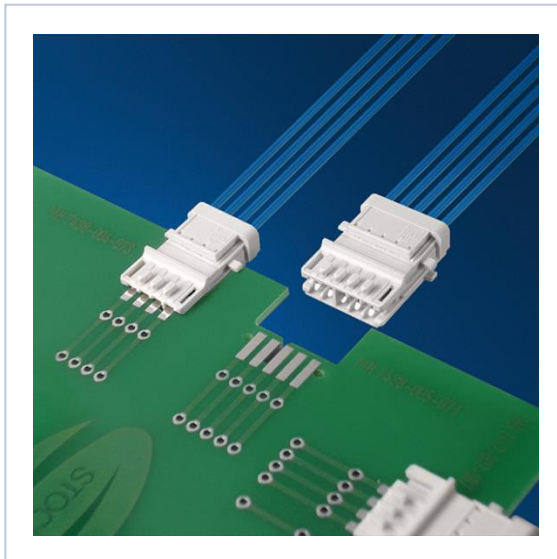
- Surface finishing tin or Au
- Wire size 0.22 mm² to 0.35 mm² and 2x 0.22 mm²
- Single and twin terminations
- Crimp-technology
- On-reel packaging
- Wire termination by automatic machine possible



CONFIDENTIAL

All rights are strictly reserved. Reproduction or disclosure to third parties in any form whatever is not permitted without written authorization from the proprietor. A violation is punishable.

ECO-TRONIC CRIMP



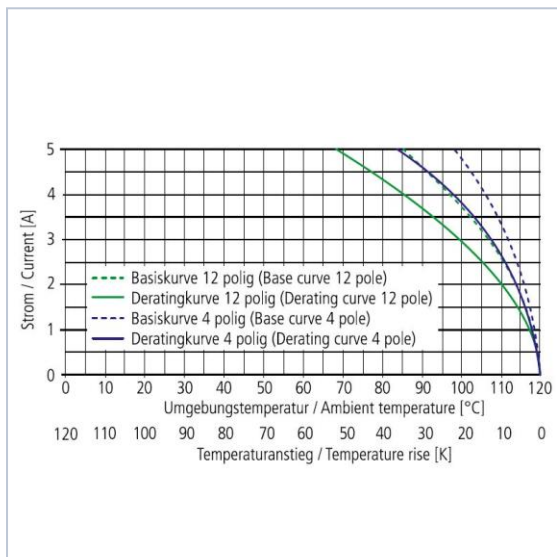
Technical Data

Mechanical:

- Pitch 2.50 mm
- Positions 2 – 12
- Dimension look catalogue
- Contacting of cable crimp technology
- Board thickness 1,55 ± 0,19 mm
- Wire size 0.22 mm²/ 0.34 mm²/
0.46 mm²/ 0.50 mm²/
2x 0.22 mm²
- Insulation-Ø ≤ 1.4 mm
- Hardness of insulation max. Shore A 900 ± 5
- Type of wire stranded
- Operating temperature -40 °C ...+120 °C (tin)
- Insert cycles 5
- Max. angle of insert ± 3 °

Electrical:

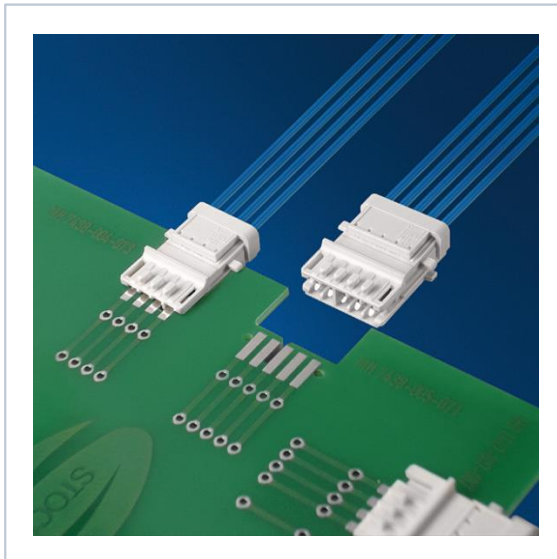
- Current rating 4 A (85 °C/ 0.35 mm²)
- Nominal voltage (IEC 60664/ Grad 2) 32 V (pitch 2.5)
250 V (pitch 5.0)
- Dielectrical strength 1.40 kV (pitch 2.5)
2.80 kV (pitch 5.0)
- Insulation resistance > 10³ MΩ
- Contact resistance < 10 mΩ
- Air gap and creeping distances > 1 mm (pitch 2.5)
> 3 mm (pitch 5.0)
- Tracking resistance CTI ≥ 400



CONFIDENTIAL

All rights are strictly reserved. Reproduction or disclosure to third parties in any form whatever is not permitted without written authorization from the proprietor. A violation is punishable.

ECO-TRONIC CRIMP



Technical Data

Material:

- Contact
- surface finishing of contact
- Housing

Cu-alloying

sel. Au/ tin

PA nature

Approved by:

- According to
- According to
- VW 60330
- VDE

USCAR2

LV 214

STOCKO CONTACT

GmbH & Co. KG

Simonshöfchen 31
D-42327 Wuppertal

Phone +49 202 9733 - 0

Fax +49 202 9733 - 411

E- Mail info@stocko-contact.com

Internet www.stocko-contact.com

Ein Unternehmen der Wieland Gruppe
A Member of the Wieland Group

CONFIDENTIAL

All rights are strictly reserved. Reproduction or disclosure to third parties in any form whatever is not permitted without written authorization from the proprietor. A violation is punishable.