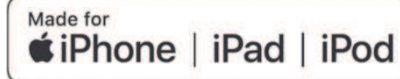


HEC Electronic Vertriebs GmbH



- Founded 1988 – Private Owned Company
- Headquarter In 76359 Marxzell (35 Employees)
- Production Joint Venture(50/50) Since 1999 In Dongguan / China (130 Employees)
- Complete New Manufacturing Area Since July 2019 (5000m²)
- ISO 9001 certified (Both Locations)
- UL Certified (Both Locations)
- Production China ISO14001 certified
- MFI Apple certified
- Medical 13485 certified
- IATF 16949 certified
- IPMS certified
- EICC Certified
- JIT / KANBAN / SOI Programs
- Flat Structure
- Global Customer Reference
- Since More Than 30 Years In The Market



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HEC Electronic Vertriebs GmbH



Kabelkonfektion seit über 30 Jahren / Wire Harness since more than 30 Years

Fokus Auf Industrie, Maschinenbau , Medizin-, Daten- und Telekommunikationstechnik
Focused Segments are Medical , Data , Telecom , Robotics & High Tech Machines

Sonderanfertigungen / Specials

For All Electronic Segments

Systemlösungen / Systemsolutions

Vom Prototyp Über Kleinmengen Bis Zu Komplexen Kabelsätzen
From Prototyping to Complex Cable & Wiresets & Value Adds

Global Manufacturing

Nach Höchsten Qualitätsnormen
Acc. Highest Quality Procedures (ISO / UL / EICC)

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HEC Promises More Than 30 Years Competence



- **Cable Assembly**
- ✓ High Speed Data Cable
- ✓ Medical Cables
- ✓ Industrial Cables
- ✓ EMV Protected Cables
- ✓ LVDS Cables / FFC / FPC / Flat Cables
- ✓ Molded Cables Up To IP 67



- **Connectors**
- ✓ Sourcing Of Connectors In Asia
- ✓ Sourcing Of 100% Äquivalent Connectors
- ✓ Compatible / Äquivalent Parts Compared To Market Leaders
- ✓ More Than 70 Connector Manufacturer In China Visited By HEC





HEC Wire & Cable Technology

HEC is focused & prepared for....

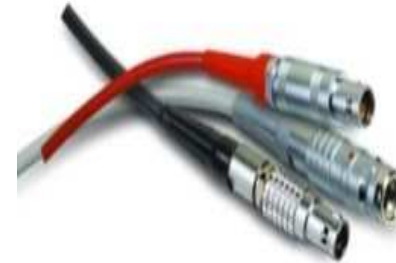
- Prototyping / Mid Size Quantities / Fast Reaction Out Of Germany
- Mid Size & High Volumes Out Of Dongguan Facility
- From Die Cast Tooling To Complex Cables (1 Shop Solutions)
- High Speed Test ...NEXT / FEXT / Eye Diagram
- Multiple Crimp Toolings (Tyco / Molex / JST / HRS ..)
- Customised Cables / Shapes & Forms
- Barcodes / Kitting ect



HEC Electronic Vertriebs GmbH



Von Der Spritzgußform Zum Fertigen Kabel / From Mold Tooling To Dedicated Cables



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Datacables – High Speed Cables

HEC Focus IsSupply All Market Needed Actual Datacables - EMV & SPEED

D-SUB – USB - DVI – HDMI – SATA – DPC To....Next Generation Data ..Speed

Using Highest Performing Materials And Manufacturing Process

Active & Passive Data Adapters (Also CHIP integrated)

DVI & HDMI – DPC With 360° Metal 1 Part Shielding Cans (**Patent & Highest EMV Performance**)





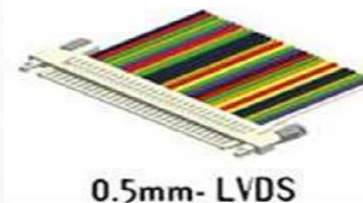
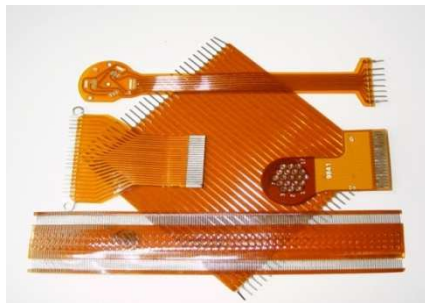
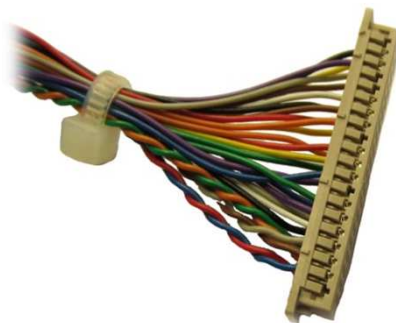
Flachbandkabel / LVDS Display Cables

FFC / Display – LVDS – Display / FPC / IDC Flatcable

Pitch : 0,3/- 0,5/- 0,8/ - 1.0/ -1,25/ -1,27/2,54/ - 3.96mm

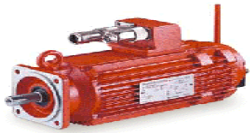
PVC / Polyester / Kapton / Nomex up to 250°

HEC Is Able To **RETWIST On 4 Special Machines** Each Needed PAIR TWIST (Shorter Twist – Higher Performance)



0.5mm- LVDS





Kabel für den Bereich Motoren und Antriebe / Cables for E – Drives

Electrical Drive Cables / Motors & Industrial Applications

M5 / M8 / M12 / M17 ... M23

Push Pull Application Cables





HF Koax / Fiber Optic Cables

Coax Application For Following Segments

SMA – SMB – SMC – MMCX- TNC –BNC - UHF-... FAKRA





IP67 Industrial Cables



Circular Connectors
From 1A Up To 50A /
USB / RJ 45 / D-SUB /
HDMI – All In IP 67

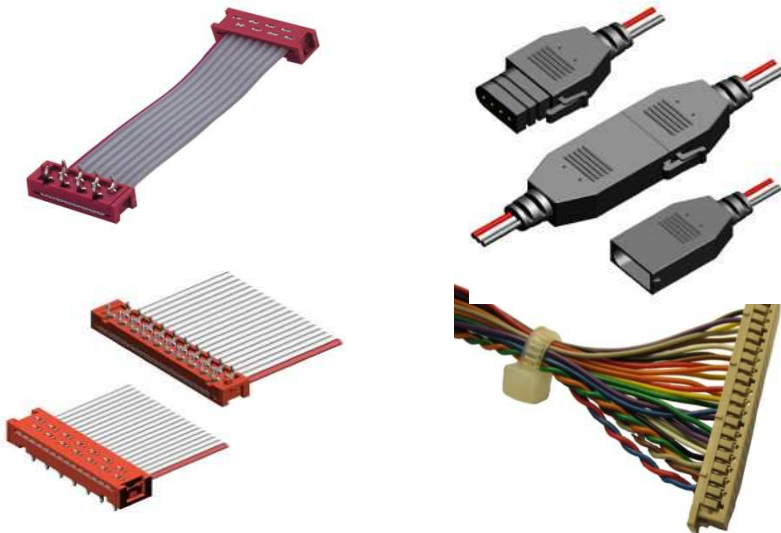




Crimp Cables

With More Than 40 Crimp Machines We Offer A Complete Range Of CRIMP CABLES From AWG 12 to AWG 34

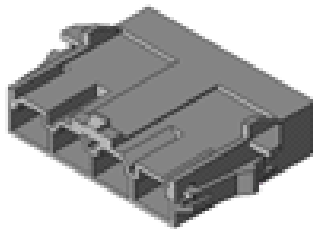
- High Speed Crimp Machines
- Crimp Force & Crimp Height Controlled
- Cross Section Control Pictures
- 5 Semi / Fully Automated Lines For **MICRO MATCH**





Steckverbinder...Connector Sourcing

Since 2006 We Visited Personally More Than 70 Connector Manufacturer In Asia
If You Have Any Issues With The Market Leaders (MOQ / Obsolete / Pricing ...)
There Are Opportunities – Quality Without Any Compromise



HEC Electronic Vertriebs GmbH



OBD Cables For Automotive Applications

OBD Testcables For Automotive Applications acc. Customers Specification



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HEC Electronic Vertriebs GmbH



HEC Marxzell Germany

- Production (B1)
Crimp & IDC Cables
Prototyping
Specials
- Warehouse (B2)
- Sub Assembly (B3)



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HEC Electronic Vertriebs GmbH



HEC China Manufacturing Shangsha

HEC China Moved From Gaoke Road (since 1999) In 2019 To Complete New Building to Shangsha Area

- Office & Production Area Is Complete Airconditioned
- Bright & Clean LED Workstations
- Absolut Worker Friendly Conditions
- (Chairs ! / Soldering Dust Exhaust Organisation)
- Open Office Structure
- *More than 40 Crimp Machines*
- *18 Molding Machines*
- *35 Soldering Machines / Stations*
- *Laser Stripping Machine*
- *4 Cable Twist Machines*
- *Complete new Testdevices*
 - *Multiple Bending Device*
 - *X-Ray*
 - *Heat & Salt Chamber*
 - *Digital Pull Machine*
 - *Cross Section Scope Machine*
 - *Blue Ray Tester*
 - *TDR – LCR Tester*
- *UL certified*
- *ISO certified*
- *IATF 16949 certified*
- *Medical 13485 certified*
- *MFI Apple certified Partner*



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HEC China Manufacturing Shangsha



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HEC Shangsha Manufacturing – Test & QS Devices

X-Ray – Temperature – Crimp Section- Pull Force - Bending – Salt Spray – EYE Diagram



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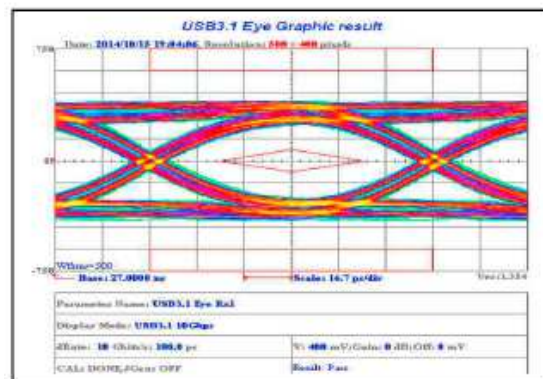
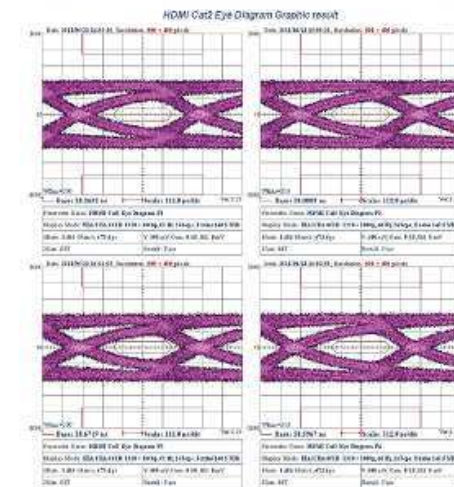
HEC Electronic Vertriebs GmbH



HEC Shangsha Manufacturing – Test & QS Devices
X-Ray – Temperature – Crimp Section- Pull Force - Bending – Salt Spray – EYE Diagram



HEC Electronic / Eye Diagram Chart



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HEC Shangsha Manufacturing Tool & Die & Tool Sparepart Warehouse



www.hec-electronic.de

HEC Electronic Vertriebs GmbH



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Contact us ...



Made for

iPhone | iPad | iPod



HEC Electronic Vertriebs GmbH
Im Gewerbegebiet 4
76359 Marxzell-Pfaffenrot
Telefon +49 (0)7248/92680-0
Telefax +49 (0)7248/92680-29
E-Mail: vertrieb@hec-electronic.de
Internet: www.hec-electronic.de

China Manufacturing
Romtronic Ltd.- HEC
No.374, Zhen'an Middle Rd., Shangsha Village
Chang'an Township, Dongguan Province, China
Zip Code: 523867
Tel: +86-769-8258 1106



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