



Product Presentation

KinnexA, INC.

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Connected
by **KinnexA**

Focus Market

- . Networking/Cloud Computing
- . Networking IC Suppliers
- . Industry Computers and Automobile
- . 3C Products
- . 5G and IoT (Internet of Things)
- . Smart Home



Focus Products

- . Interconnecting products for consumer electronics
- . Integrated PHY RJ45 connectors
- . 1G, 2.5G/5G, 10G RJ45, 25G/40G RJ45
- . zSFP+, QSFP+, zQSFP+
- . USB 3.1 Type-C and related products
- . superMHL Connector and Cable
- . Hi-Speed and customized connectors/cables
- . 5G/IoT (Internet of Things)
- . FAKRA Cable

Core Competence

- . Multi-cultural / multi-national, with in depth knowledge of languages and diversity in China, Taiwan, and USA
- . History of esteemed production experience in high quality mechanical, electronic and software development and design.
- . Offers project management in International spheres, with highly experienced representatives all around the world.
- . The KinnexA team has an encompassing knowledge of current market and design, always at the industry forefront.
- . Consistently offers competitive prices for quality assembly, manufacturing, design and development needs.

Product Roadmap

Magnetics and Peripherals	RJ45	<ul style="list-style-type: none"> Multi Port, SMT Double Stacked Vertical Mount 	MagSwift <ul style="list-style-type: none"> - 10 Gigabit RJ45 - 1x1, 2x1 and 2x4 - 10G Discrete Module 	FPC + Connector <ul style="list-style-type: none"> - for cell phone - Better EMI 	
	RJ45 with	<ul style="list-style-type: none"> VaryJack --- 10/100, Gigabit --- PoE 	10G RJ45 without magnetics: <ul style="list-style-type: none"> - 1x4, 2x1 RF connector and jump wire 	<ul style="list-style-type: none"> superMHL Cable and Connector 10G 1x4 for NIC card 10G RJ45 male plug 	MagSwift --- 25G/40G RJ45
	PC Connector	<ul style="list-style-type: none"> SFP/SFP+ cable QSFP/QSFP+ Cable Hi-Speed Cable SFP Transceiver SFP/SFP+ and QSFP Cages NGFF, USB, Waterproof Connectors 	2.5G/5G RJ45 --Single Port -- 1xN -- 2xN	Mini RF Coaxial Connector <ul style="list-style-type: none"> - Zefhir 67 for 802.11ad - Zefhir 30 for 802.11ax 	FAKRA connector/cable
		Available	Available	Q1, 2018	Q2, 2018

Our Innovative Products

- **MojoJack:** RJ45 with Ethernet PHY and Magnetics
- **MagSwift:** RJ45 w/2.5G/5G, 10 Gigabit Magnetics and Discrete Module. 25G/40G RJ45 under development
- **VaryMag:** 10/100 and 1 Gigabit Discrete Module
- **RJ45 without Magnetics-** KRM, KRK, KRC, KRV, KRD
- **VaryJack** (RJ45 with Ethernet Magnetics)
- **Super MHL** connector and cable provide 8K resolution
- **RF Connector and jump wire** for 802.11ad/802.11ax

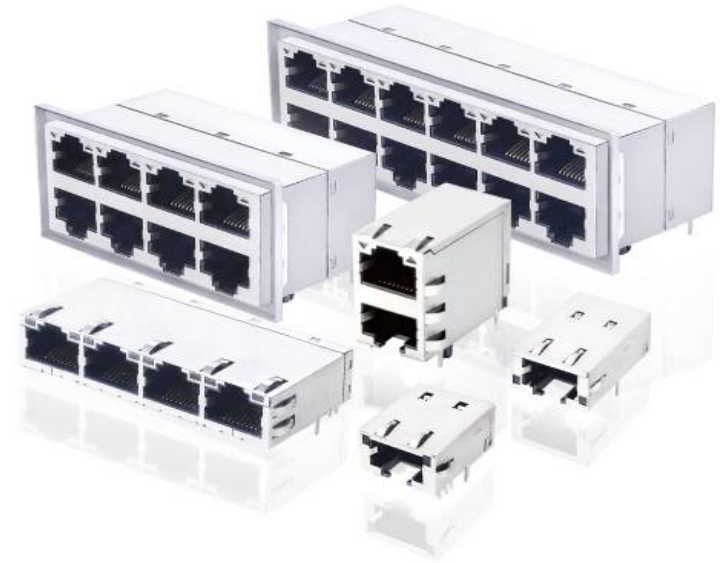
MojoJack

- RJ45 with Magnetics and Ethernet PHY and MAC
- Features 802.3 compliant physical layer IC
- Designed to support applications where the physical layer is not included in the base chipset
- Unique design allows engineers the ease of Ethernet with a single device while guarantee IEEE compliance



MagSwift

- RJ45 with 2.5G/5G Magnetics
- RJ45 with 10Gigabit Magnetics
 - optional 4 and 5 channels
- Suitable for CAT 6, 6A & 7 or better UTP cable
- Optional internal Magnetics
- Meet or exceed IEEE 802.3 and 802.3an standard



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VaryJack

- Optional LED as Power/Activity indicators
- Optional LAN Gigabit Magnetics
- --- 10/100, 1G,
- Optional PoE function
- High Performance for maximum EMI sup
- Available 1x1, 1x2, 1x4, 2x1, 2x2, 2x4, 2x6 and 2x8 ports



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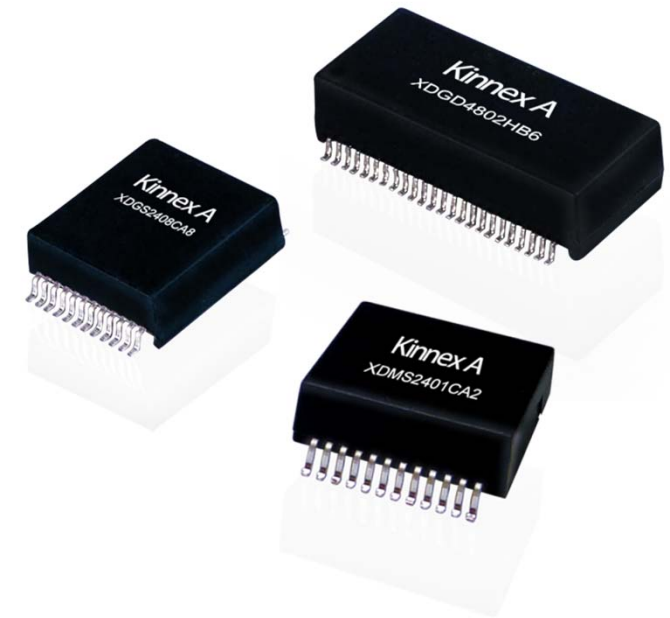
10G 1x4 non-magnetics for NIC card

- Meet PCIe specification
- Compact design
- High Speed Performance
- Designed for 10G NIC card
- Go with 10G Discrete Module
 - optional 4 or 5 channels



VaryMag and MagSwift Series

- . VaryMag series for 10/100 and 1Gigabit
- . MagSwift series for 10Gigabit
- . Available PoE function
- . Available SMT and Thru Hole contact



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Zefhir 67 Series: Mini RF Coaxial Connector

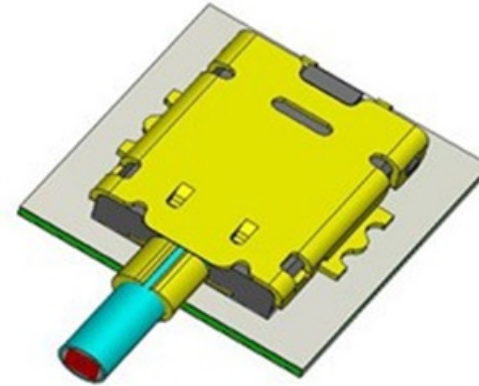
Zefhir 67 Series

FEATURES:

1. DC to 67 GHz
2. Outline : 3.1 x 2.5 x 0.65 mm
3. Mating Height : 0.70 mm
4. supports OD 0.53 mm Cable
5. High Frequency Performance (V.S.W.R.)
Conn. VSWR- DC to 6 GHz: 1.30 max.
Conn. VSWR- DC to 20 GHz: 1.50 max.
Conn. VSWR- DC to 67 GHz: 2.00 max.
6. RoHS compliant, Halogen-free product

APPLICATIONS:

Smart Phone, Tablet PC, Laptop, TV, Monitor,
Projector, VR, AR and Wireless Routers/ Devices, etc.



Zefhir 30 Series: Mini RF Coaxial Connector

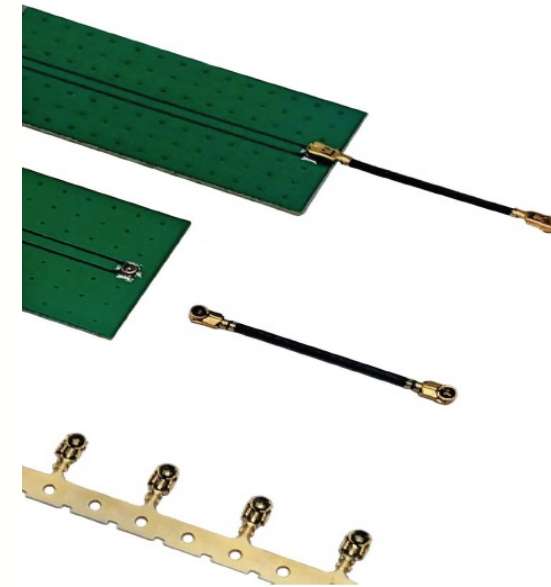
Zefhir 30 Series

FEATURES:

1. DC to 26.5GHz
2. Mating Height : 1.00 mm
3. Supports OD 0.64/ 0.81 mm Cable
4. High Frequency Performance (V.S.W.R.)
 - DC to 6 GHz, VSWR: 1.30 Max.
 - DC to 12 GHz, VSWR: 1.50 Max.
 - DC to 30 GHz, VSWR:2.00 Max.
5. RoHS compliant, Halogen-free product
6. For 8K Stream Video transmission

APPLICATIONS:

Smart Phone, Tablet PC, Laptop, TV, Monitor, Projector, VR, AR and Wireless Routers/ Devices, etc.



SFP and QSFP Series

- . Available in 1*1, 1*2, 1*4, 1*6, 2*1, 2*2, 2*4, 2*6 and 2*8 cages.
- . Conductive elastomeric EMI gasket
- . Right angle 20 position connector available
- . SFP/SFP+, zSFP+, QSFP/zQSFP+ Cages
- . Optional light pipes



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USB 3.1 Type C Family

Full Range of USB 3.1 Type C family

- Female Receptacle and Male Plug
 - Built with 95° contact pin design for better IR Reflow
 - High Frequency Tested
 - Male plug with seamless shielding assuring better EMI
- C to X Cable Assembly and Dongle
 - C to C, USB 3.0 A, USB 2.0 A, Micro USB,
 - C to Display Port, HDMI, VGA
- Waterproof Type C Receptacle



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superMHL Cable and Connector

World's first superMHL cables and connector

superMHL Features:

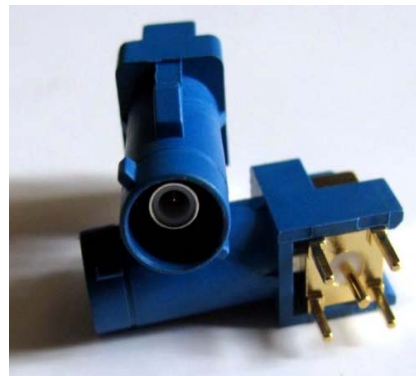
- 8K 120fps video
- Deep Color support up to 48-bit color depths
- Wider color gamut to view content the way filmmakers intended via BT.2020
- High-Dynamic Range (HDR) support to strike the perfect balance of bright spectral highlights along with shadow details
- Enhanced audio for immersive surround sound including Dolby Atmos®, DTS:X™, 3D audio, and an audio-only mode
- Single remote control for multiple MHL devices (TV, AVR, Blu-ray player, STB)
- Power charging up to 40W
- Content on multiple displays when connecting a single device
- Backward compatible with MHL 1, 2 and 3 specifications
- New support for the MHL Alt Mode for the USB Type-C specification



FAKRA Series Jump Wire

Features:

- Industry Standard Product
- Impedance 50 Ohm
- Supports OD 1.13mm~RG174 Cable
- 1MHz~4GHz, VSWR 1.3 Max.
- RoHS II Compliant
- Halogen Free



Hi-Speed Cables and Customized Cables

- . Frequency spans up to 40GHz
- . 3D High Frequency Structure Simulator Analysis
- . Electrical Test & Measurement
- . Environmental Screening (temperature, humidity, and corrosion).
- . Fully comply with all industrial specifications and most military specifications
- . We work closely with our customers to design new products during the early design-in phase for the best solutions, as needed

