

Features

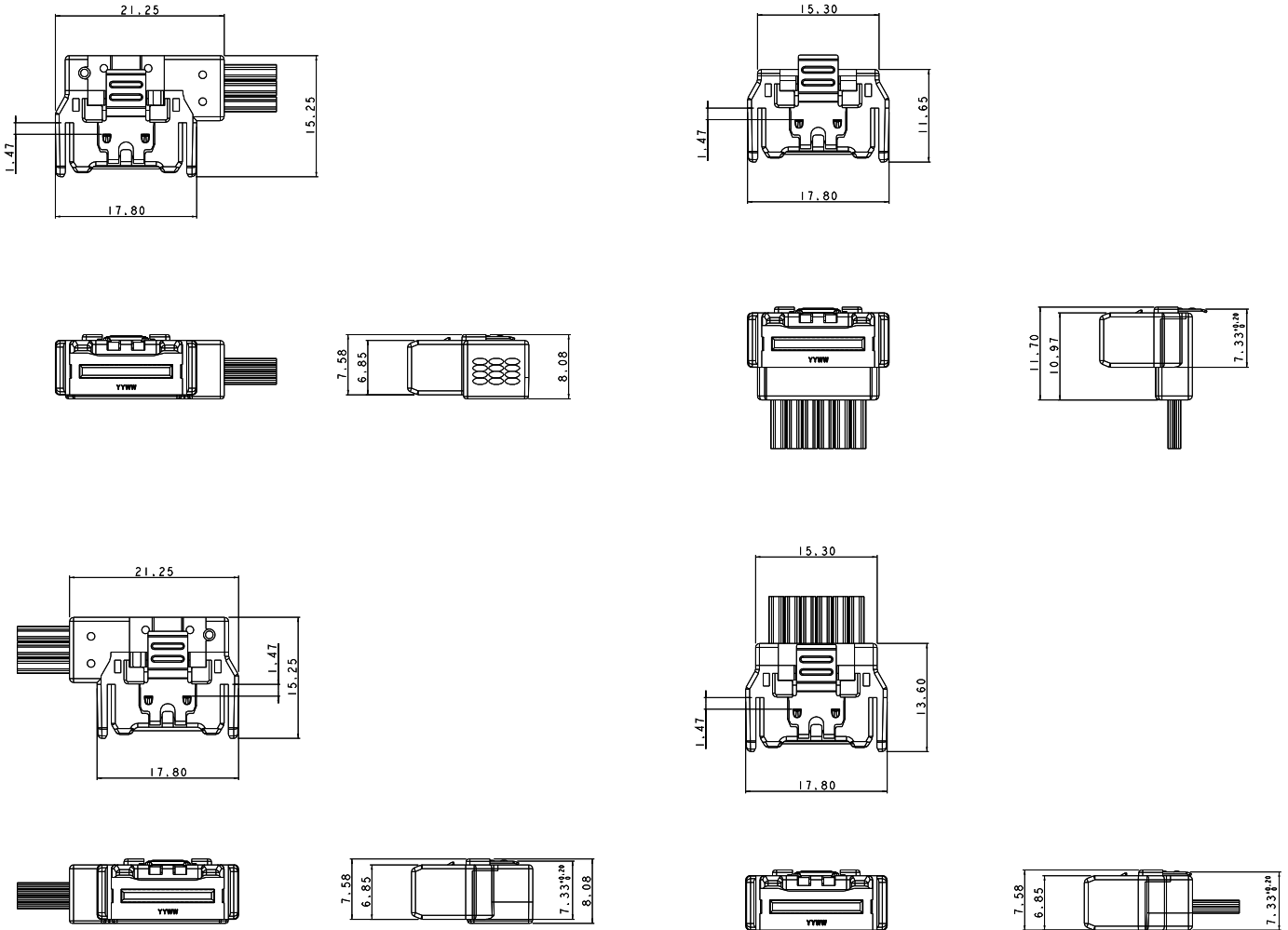
- Pitch 0.6mm connector design
- 1.57mm PCB card thickness compatible with PCIe riser card
- Straight, right angle, side exit and customization cable plug are optional
- Supports 85 ohm and 100 ohm impedance applications
- Supports signaling rates up to PCIe5 32GT/s
- 30-32AWG cable



High Speed Cables

MCIO Solutions

Dimensions



Plug Type List

Item	Channel	Gauge	Pin No.	Data Rate
85ohm ST type	4i/6i	30~32AWG	38	PCIe 4.0/SAS 4.0
85ohm RA type	4i/6i			
85ohm LE type	4i/6i			
85ohm RE type	4i/6i			
100ohm ST type	4i			
100ohm RA type	4i			
100ohm LE type	4i			
100ohm RE type	4i			

High Speed Cables

MCIO Solutions

Specification

Item	Requirement
Differential Impedance	85 Ω & 100 Ω
Voltage Rating	30V/pin
Current Rating	1.1A/pin max.
Durability	200 cycles
Mating force (latch disable)	1.1N/contact pair + 10N max.
Unmating force (latch disable)	0.1N/contact pair min.
PCB thickness	1.57+/-0.15mm
PCB plating	30u" Au (gold finger)
Storage temperature	-20°C to 80°C
Operating temperature	0°C to 80°C
Latched plug retention	50N min

Application

Servers

Data Storage

Workstation

Wireless bass stations and radios

Switches/Routers

Headquarters

BizLink Technology, Inc.

47211 Bayside Parkway, Fremont, CA 94538, USA

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Global Sales Contacts

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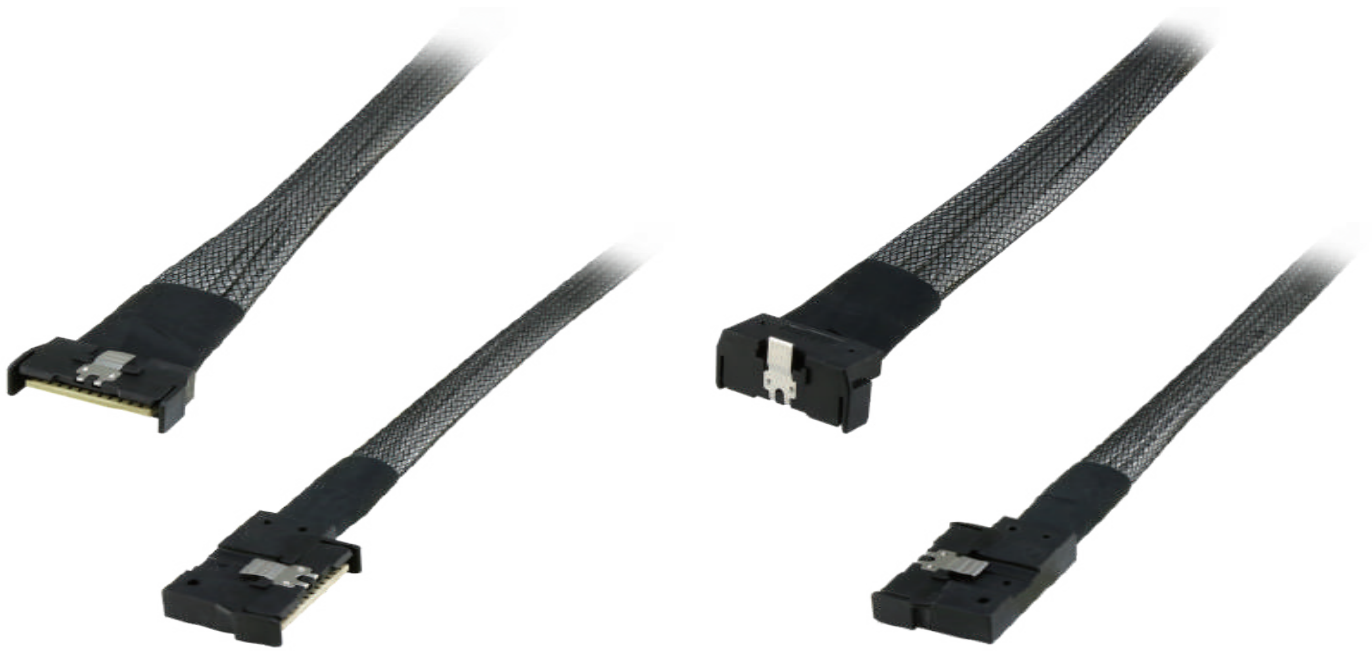
China sales_gc@bizlinktech.com

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Taiwan sales_tw@bizlinktech.com



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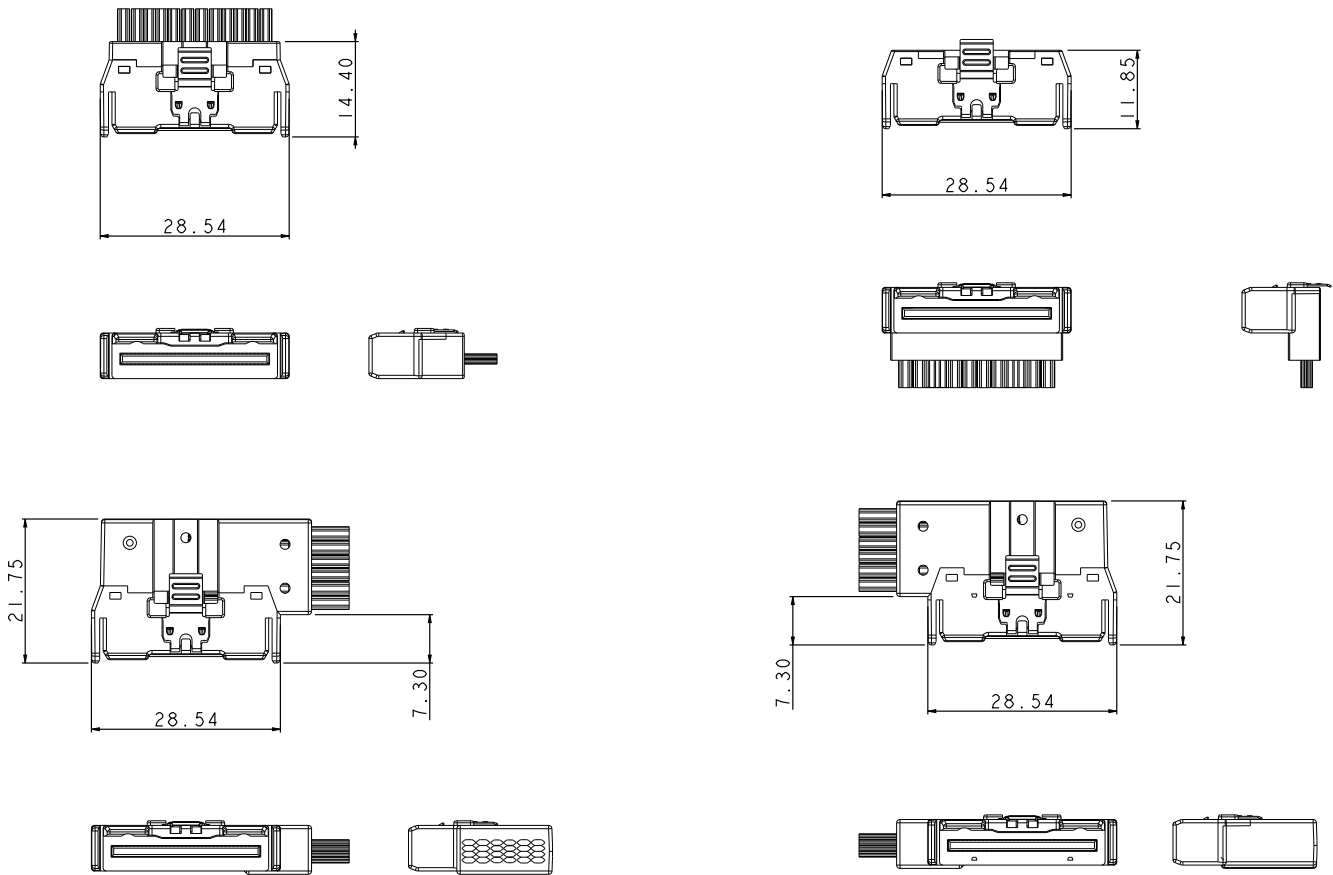
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High-Current Cables

MCIO Solutions

Dimensions



Plug Type List

Item	Channel	Gauge	Pin No.	Data Rate
85ohm ST type	8i/12i	30~32AWG	74	PCIe 4.0/SAS 4.0
85ohm RA type	8i/12i			
85ohm LE type	8i/12i			
85ohm RE type	8i/12i			
100ohm ST type	8i			
100ohm RA type	8i			
100ohm LE type	8i			
100ohm RE type	8i			

High-Current Cables

MCIO Solutions

Specification

Item	Requirement
Differential Impedance	85 Ω & 100 Ω
Voltage Rating	30V/pin
Current Rating	1.1A/pin max.
Durability	200 cycles
Mating force (latch disable)	1.1N/contact pair + 10N max.
Unmating force (latch disable)	0.1N/contact pair min.
PCB thickness	1.57+/-0.15mm
PCB plating	30u" Au (gold finger)
Storage temperature	-20°C to 80°C
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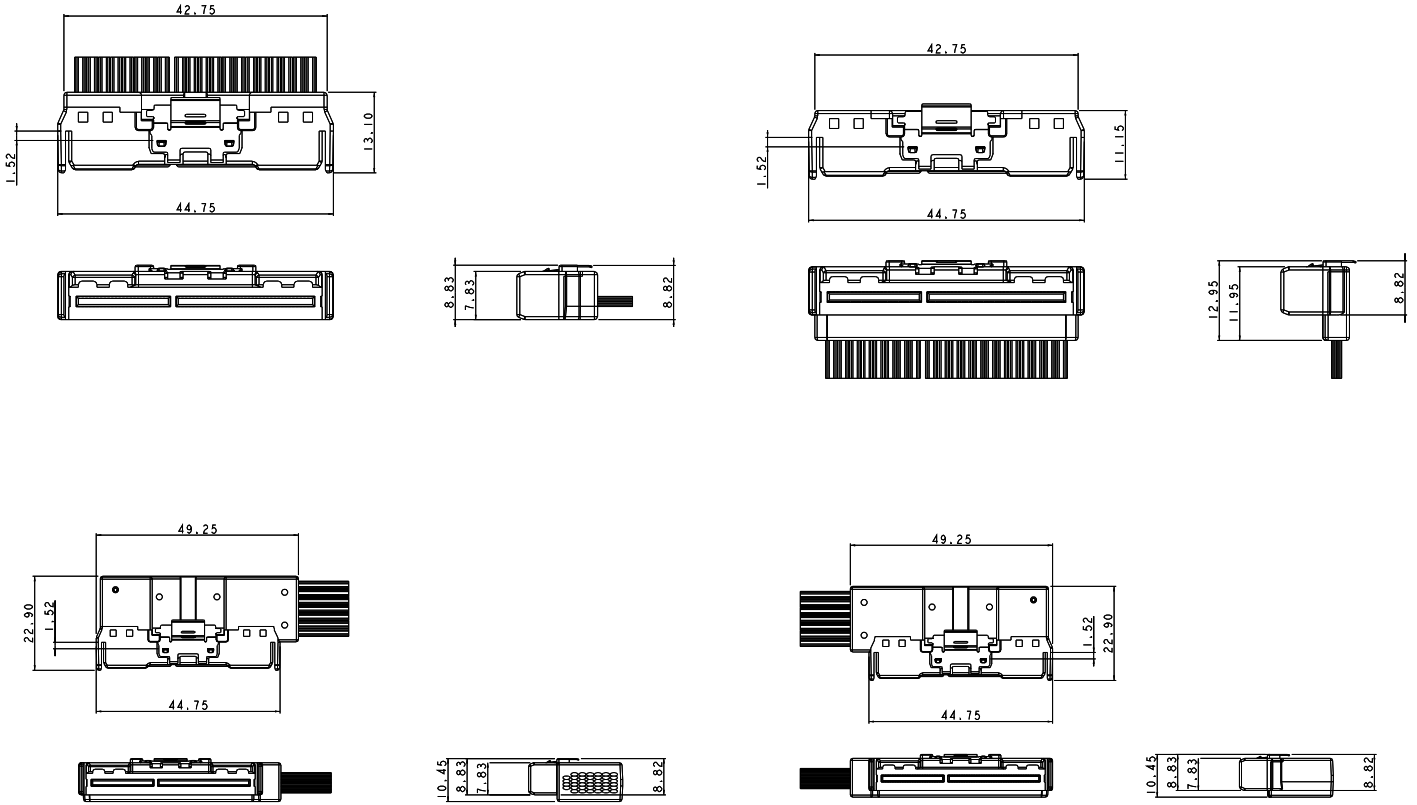
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High Speed Cables

MCIO Solutions

Dimensions



Plug Type List

Item	Channel	Gauge	Pin No.	Data Rate
85ohm ST type	16i/20i	30~32AWG	124	PCIe 4.0/SAS 4.0
85ohm RA type	16i/20i			
85ohm LE type	16i/20i			
85ohm RE type	16i/20i			
100ohm ST type	16i			
100ohm RA type	16i			
100ohm LE type	16i			
100ohm RE type	16i			

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