HSD Connector (HSD+2, HSD+4, HSD+8)

CAM-K22LN/LR, CAM-K24, CAM-K72LN, CAM-K83, CAM-K56, CAM-L44

Connectors

FEATURES

- 1. Capable of high speed data transmission such as USB2.0, LVDS, and Ethernet, etc.
- 2. Power supply contacts and HSD connector are integrated. Able to meet downsizing requirements.
- 3. Selectable variations of the number of power supply pins: 2pins, 4pins, and 8pins.
- 4. Each coding (mating key) is available.
- 5. Compatible with Pin-in-Paste.
- 6. Compliant with RoHS Directive.



HOW TO ORDER

1. CAM-K22LN/LR

$$\frac{\text{K22}}{1} - \frac{006}{2} - 230 - \text{ANBAA} - \frac{\square}{3}$$

- 1 Series No. (K22LN/LR)
- 2 No. of contacts (006: 6pins)
- 3 Coding (A to F, Z / G to M, P)
- 3. CAM-K72LN

$$\frac{\text{K72}}{1} - \frac{006}{2} - 230 - \text{ANBAA} - \frac{\square}{3}$$

- 1 Series No. (K72LN)
- 2 No. of contacts (006: 6pins)
- 3 Coding (A to F, Z)
- 5. CAM-K56

$$\frac{K56}{1} - \frac{012}{2} - 230 - ANBAA - \frac{}{3}$$

- 1 Series No. (K56)
- 2 No. of contacts (012: 12pins)
- 3 Coding (A to F, Z)

2. CAM-K24

$$\frac{K24}{1} - \frac{006}{2} - 230 - ANBAA - \frac{}{3}$$

- 1 Series No. (K24)
- 2 No. of contacts (006: 6pins)
- 3 Coding (A to F, Z)
- 4. CAM-K83

$$\frac{\text{K83}}{1} - \frac{012}{2} - 230 - \text{ANBAA} - \frac{\square}{3}$$

- 1 Series No. (K83)
- 2 No. of contacts (012: 12pins)
- 3 Coding (A to F, Z)
- 6. CAM-L44

$$\frac{L44}{1} - \frac{008}{2} - 230 - ANBAA - \frac{\Box}{3}$$

- 1 Series No. (L44)
- 2 No. of contacts (008: 8pins)
- 3 Coding (A to F, Z)

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SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	100V DC	
Rated Current	1.5A DC	
Characteristic Impedance	100Ω	
Insertion Loss	≤0.1dB to 1GHz	
Return Loss	≤-20dB to 1GHz ≤-17dB to 2GHz	

MECHANICAL CHARACTERISTICS

Life (Mating Cycle)	25 times
Total Insertion Force	≤60N
Total Withdrawal Force	5N to 60N

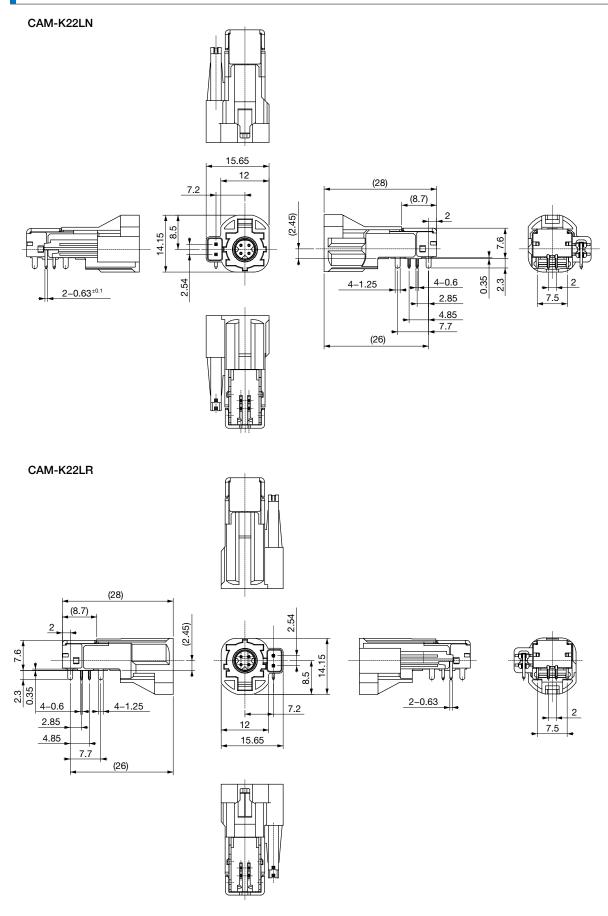
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MATERIAL & FINISH

Co	mponent Parts	Material	Finish
	Signal Pin	Copper alloy	Gold selective plating
CAM-K22	Power Supply Pin	Copper alloy	Gold selective plating
	Housing	PA resin	Black
LN/LR	Shell	Copper alloy	Ni plating
HSD+2 Right Angle	Cover	PA resin	Corresponds to each coding
	Outer Contact	Copper alloy	Ni plating
	Shield Cover	Copper alloy	Ni plating
CAM-K24 HSD+2 Straight Signal Pin Power Sup Housing Shell Cover	Signal Pin	Copper alloy	Gold selective plating
	Power Supply Pin	Copper alloy	Gold selective plating
	Housing	LCP resin	Black
	Shell	Zinc alloy	Ni plating
	Cover	PA resin	Corresponds to each coding
CAM-K72LN HSD+2 Right Angle Signal Pin Power Supply Pin Housing Shell Cover Outer Contact Lid	Signal Pin	Copper alloy	Gold selective plating
	Power Supply Pin	Copper alloy	Gold selective plating
		PA resin	Black
		Zinc alloy	Ni plating
	Cover	PA resin	Corresponds to each coding
	Outer Contact	Copper alloy	Ni plating
	Lid	Copper alloy	Ni plating
	Signal Pin	Copper alloy	Gold selective plating
	Power Supply Pin	Copper alloy	Gold selective plating
CAM-K83	Housing	PA resin	Black
HSD+4	Shell	Zinc alloy	Ni plating
Right Angle	Cover	PA resin	Corresponds to each coding
	Outer Contact	Copper alloy	Ni plating
	Signal Pin	Copper alloy	Gold selective plating
	Power Supply Pin	Copper alloy	Gold selective plating
CAM-K56	Housing	PA resin	Black
HSD+8 Shell Right Angle Cover Outer Contact	Shell	Zinc alloy	Ni plating
	Cover	PA resin	Corresponds to each coding
	Outer Contact	Copper alloy	Ni plating
CAM-L44 HSD+4 Straight Signal Pin Power Supply Housing Shell Cover	Signal Pin	Copper alloy	Gold selective plating
	Power Supply Pin	Copper alloy	Gold selective plating
	Housing	LCP resin	Black
		Zinc alloy	Ni plating
	Cover	PA resin	Corresponds to each coding

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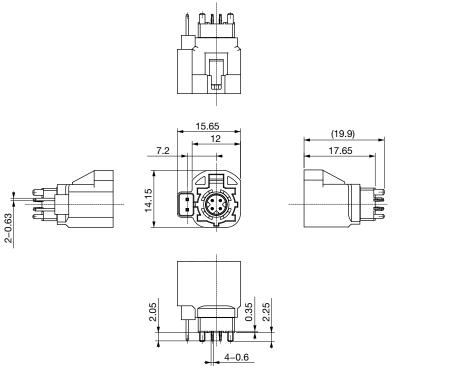
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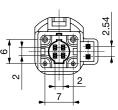


Unit: mm

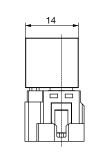
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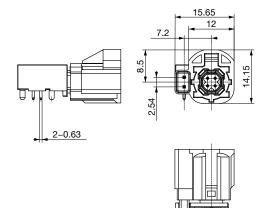
CAM-K24

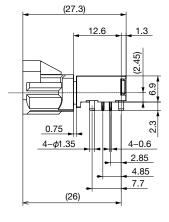


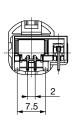


CAM-K72LN





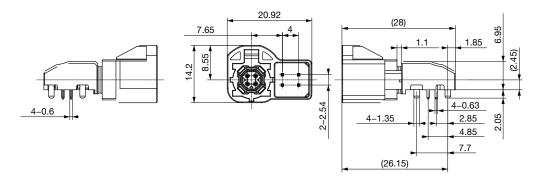


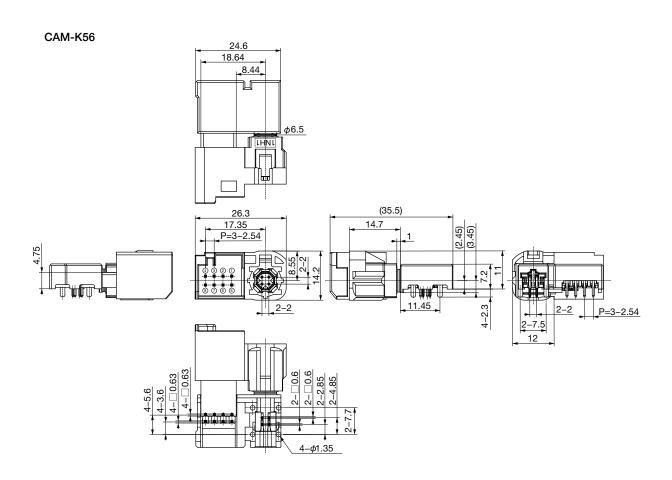


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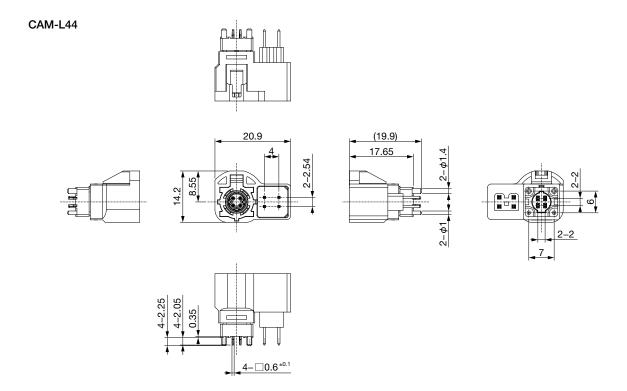
CAM-K83





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