



● FEATURES

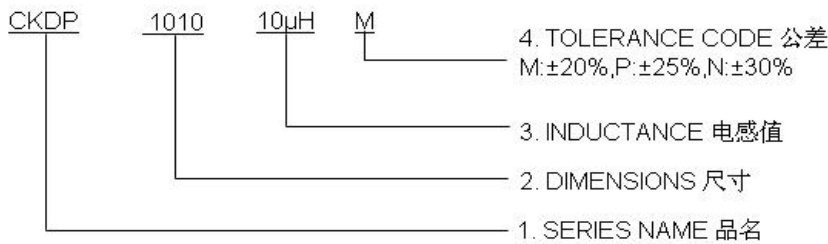
1. Low radiation noise by magnetic shielding structure.
2. Assemblage project, sturdy construction.
3. Low magnetic loss, low ESR, small parasitic capacitance.
4. Closed magnetic circuit, super-low buzzing, can high density mount.
5. Small volume, high current, the temperature rise of current and rated current less influenced by the environment.



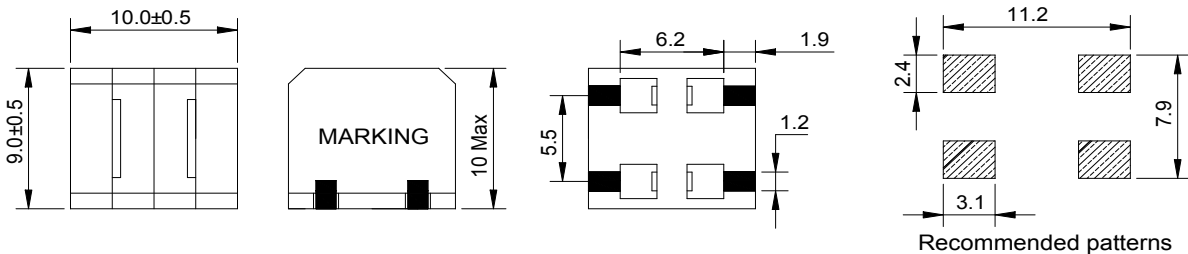
● APPLICATIONS 用途

OA equipment Digital camera, LCD television set notebook PC, Audio equipment, portable communication equipments, DC/DC converters, etc.

● PART NUMBERING SYSTEM 品名系统



● SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)



● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值 @ 10kHz/0.25V	DCR (Max) (mΩ) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKDP1010-3.3uH/M	3.3±20%	19.0	18.0	5.0
CKDP1010-4.7uH/M	4.7±20%	19.0	11.0	5.0
CKDP1010-6.8uH/M	6.8±20%	19.0	9.7	5.0
CKDP1010-8.2uH/M	8.2±20%	19.0	6.8	5.0
CKDP1010-10uH/M	10±20%	19.0	5.6	5.0
CKDP1010-12uH/M	12±20%	22.0	5.0	4.8
CKDP1010-15uH/M	15±20%	36.0	4.6	3.5
CKDP1010-22uH/M	22±20%	36.0	3.0	3.5

Note : Isat: DC current at which the inductance drops approximate 30% from its value without current;

Irms: DC current that causes the temperature rise (ΔT =40°C ) from 25°C ambient.



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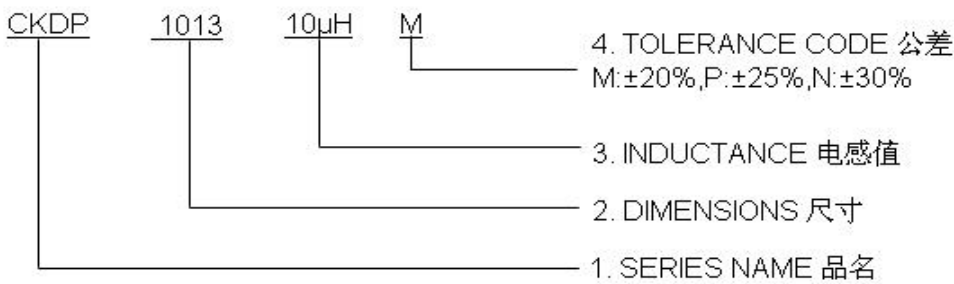
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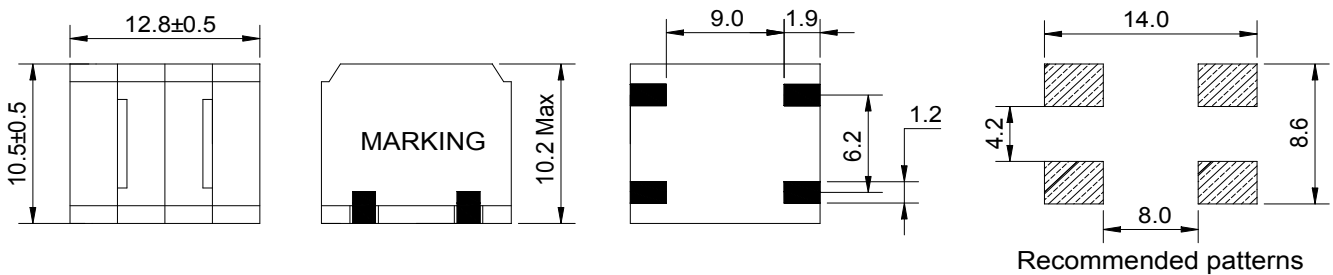
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CKDP1013-3.3uH/M	3.3±20%	11.0	12.0	5.1
CKDP1013-8.2uH/M	8.2±20%	16.0	7.5	4.4
CKDP1013-10uH/M	10±20%	18.0	7.1	4.2
CKDP1013-12uH/M	12±20%	20.0	6.0	4.0
CKDP1013-15uH/M	15±20%	23.0	5.3	3.8
CKDP1013-18uH/M	18±20%	23.0	4.6	3.8
CKDP1013-22uH/M	22±20%	38.0	4.3	3.0

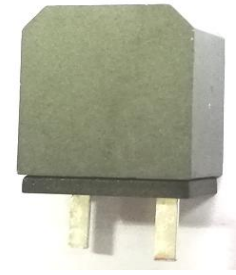
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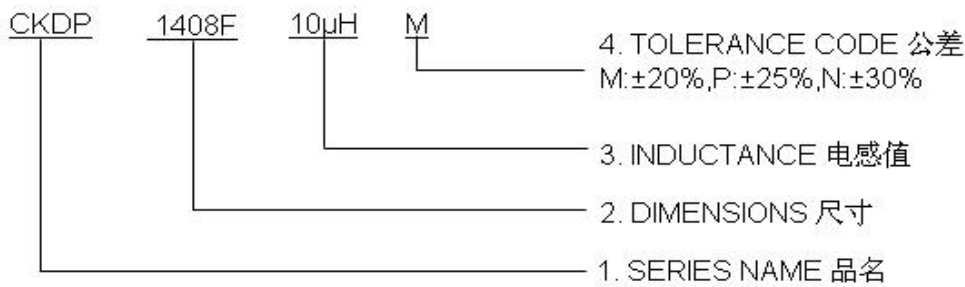
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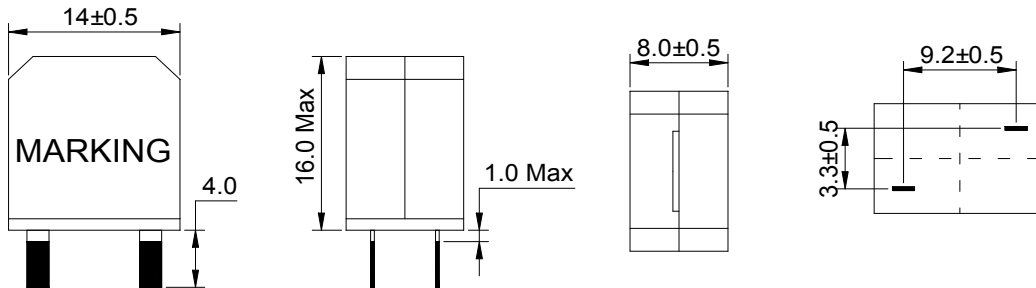
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CKDP1408F-6.8uH/M	6.8±20%	11.0	21.0	8.5
CKDP1408F-8.2uH/M	8.2±20%	11.0	18.0	8.5
CKDP1408F-10uH/M	10±20%	11.0	14.2	8.5
CKDP1408F-12uH/M	12±20%	12.0	12.0	8.0
CKDP1408F-15uH/M	15±20%	12.0	9.5	8.0
CKDP1408F-22uH/M	22±20%	12.0	6.8	8.0

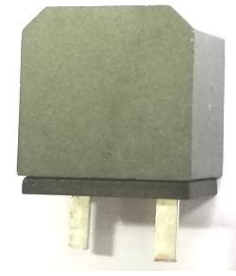
Note : Isat: DC current at which the inductance drops approximate 30% from its value without current;

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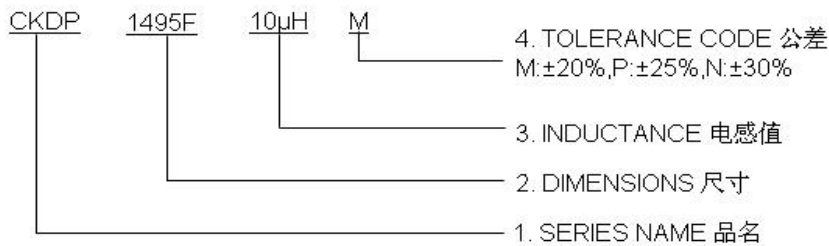
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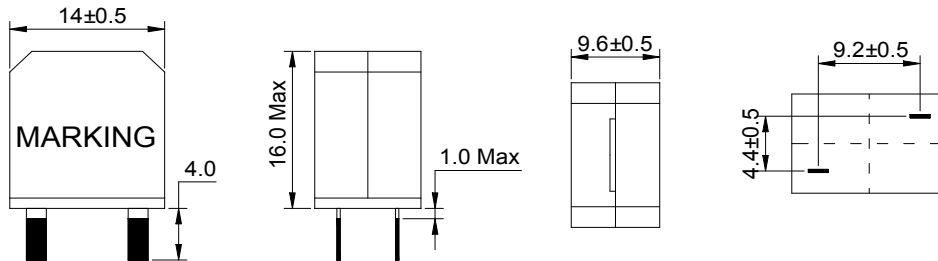
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CKDP1495F-4.7uH/M	4.7±20%	6.0	21.0	14.0
CKDP1495F-6.8uH/M	6.8±20%	6.5	17.0	12.0
CKDP1495F-8.2uH/M	8.2±20%	7.5	16.0	11.0
CKDP1495F-10uH/M	10±20%	8.5	15.0	10.0
CKDP1495F-12uH/M	12±20%	8.5	11.5	10.0
CKDP1495F-15uH/M	15±20%	8.5	9.5	10.0
CKDP1495F-22uH/M	22±20%	15.5	9.0	7.0
CKDP1495F-33uH/M	33±20%	15.5	6.2	7.0

Note : Isat: DC current at which the inductance drops approximate 30% from its value without current;

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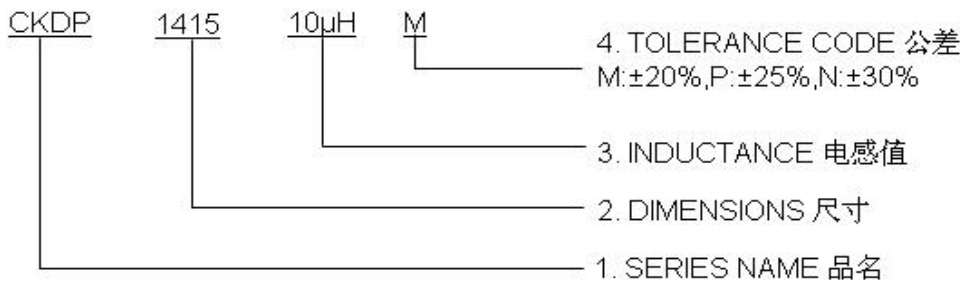
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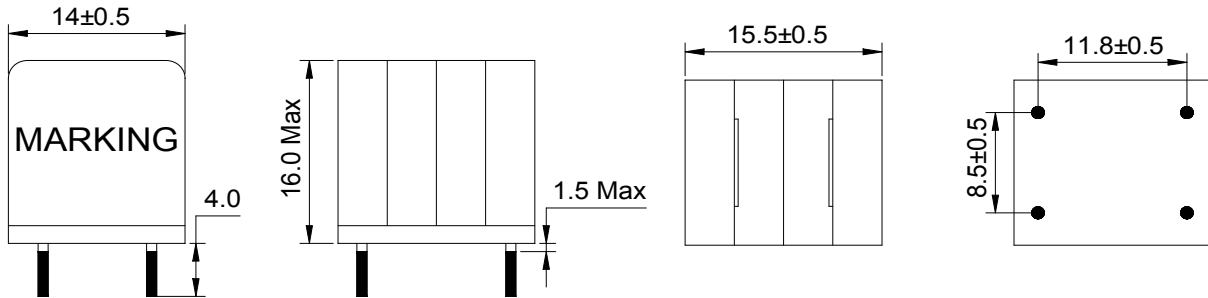
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CKDP1415-6uH/M	6±20%	8.2	17.0	11.0
CKDP1415-7.5uH/M	7.5±20%	9.3	16.0	9.0
CKDP1415-10uH/M	10±20%	13.5	13.0	8.0
CKDP1415-15uH/M	15±20%	18.0	11.0	6.8
CKDP1415-18uH/M	18±20%	18.0	9.7	6.8
CKDP1415-22uH/M	22±20%	18.0	8.3	6.8

Note : Isat: DC current at which the inductance drops approximate 30% from its value without current;

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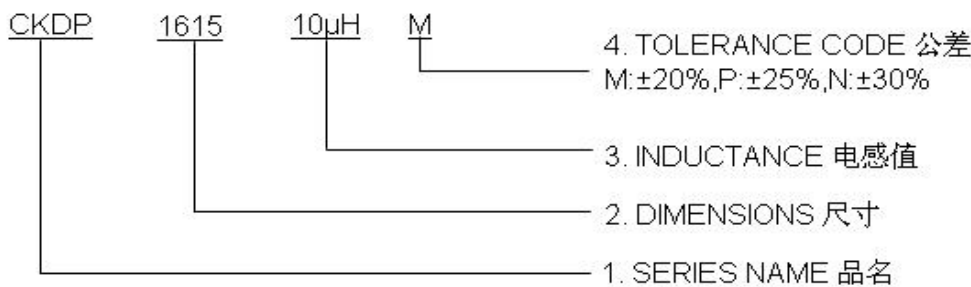
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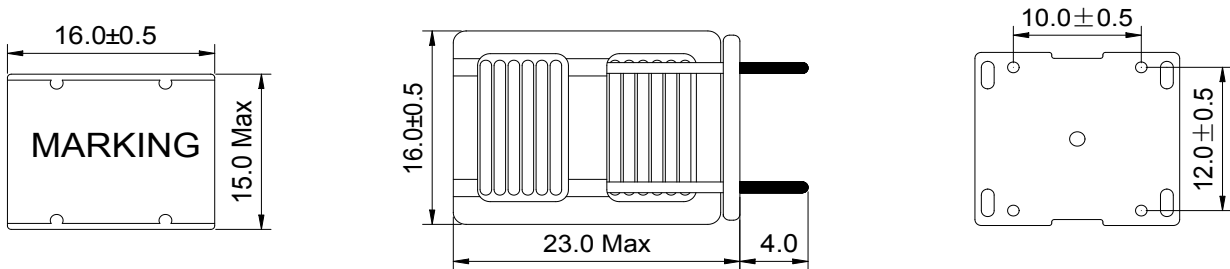
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● **SPECIFICATION TABLE:**

PART NUMBER 品名	INDUCTANCE (μH) 电感值 @ 10kHz/0.25V	DCR (Max) (mΩ) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKDP1615-10uH/M	10±20%	12.0	15.0	6.4
CKDP1615-15uH/M	15±20%	22.6	11.0	5.2
CKDP1615-22uH/M	22±20%	31.0	10.0	3.8

Note : Isat: DC current at which the inductance drops approximate 30% from its value without current;

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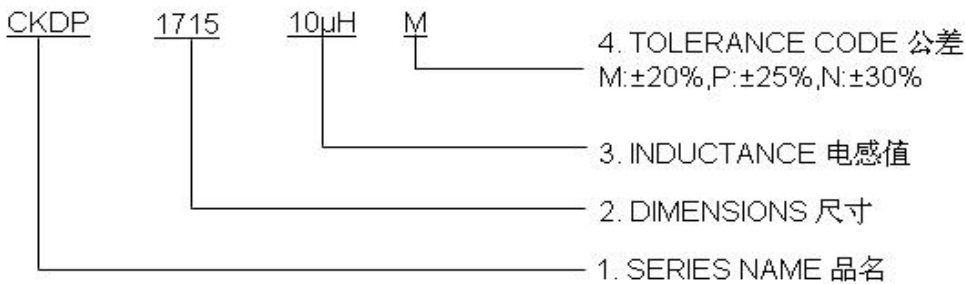
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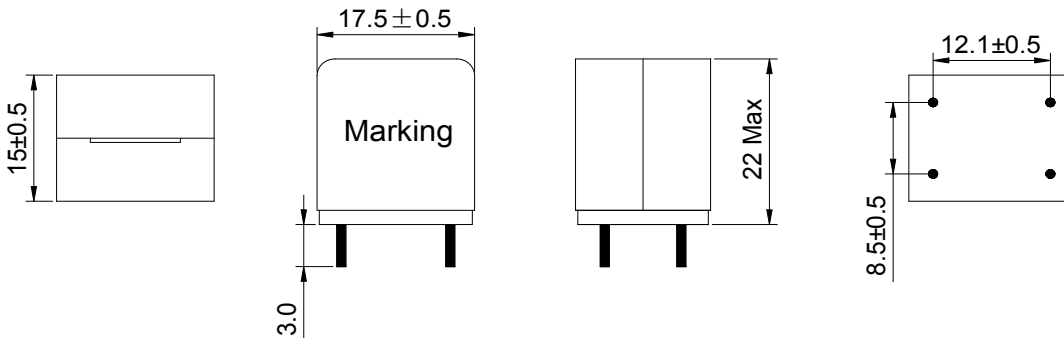
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CKDP1715-10uH/M	10±20%	16.0	30.0	8.2
CKDP1715-12uH/M	12±20%	16.0	25.0	8.2
CKDP1715-15uH/M	15±20%	16.0	18.0	8.2
CKDP1715-18uH/M	18±20%	16.0	16.0	8.2
CKDP1715-22uH/M	22±20%	16.0	11.0	8.2
CKDP1715-33uH/M	33±20%	16.0	8.0	8.2

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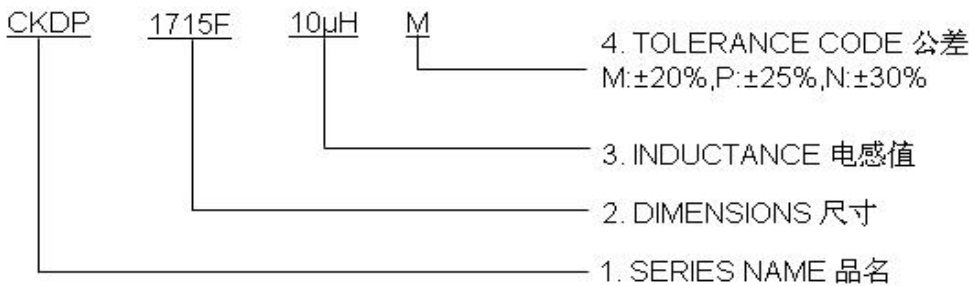
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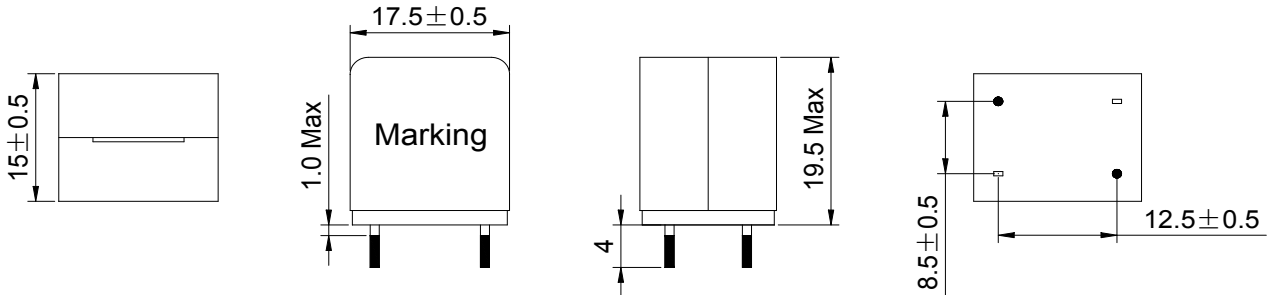
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CKDP1715F-10uH/M	10±20%	8.5	30.0	17.0
CKDP1715F-12uH/M	12±20%	8.5	26.0	17.0
CKDP1715F-15uH/M	15±20%	8.5	21.0	17.0
CKDP1715F-18uH/M	18±20%	8.5	17.0	17.0
CKDP1715F-22uH/M	22±20%	8.5	13.5	17.0
CKDP1715F-33uH/M	33±20%	8.5	8.0	17.0

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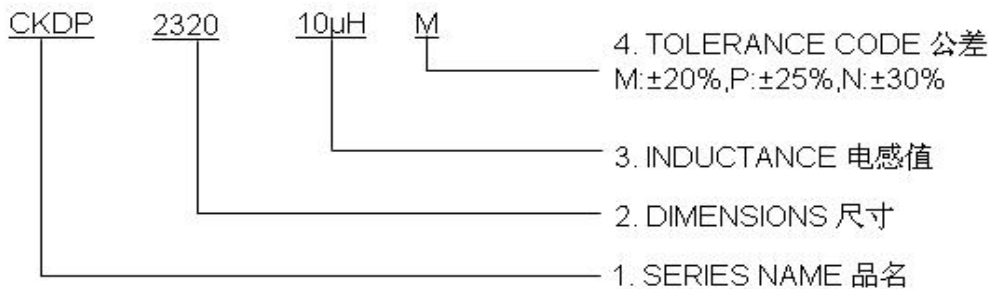
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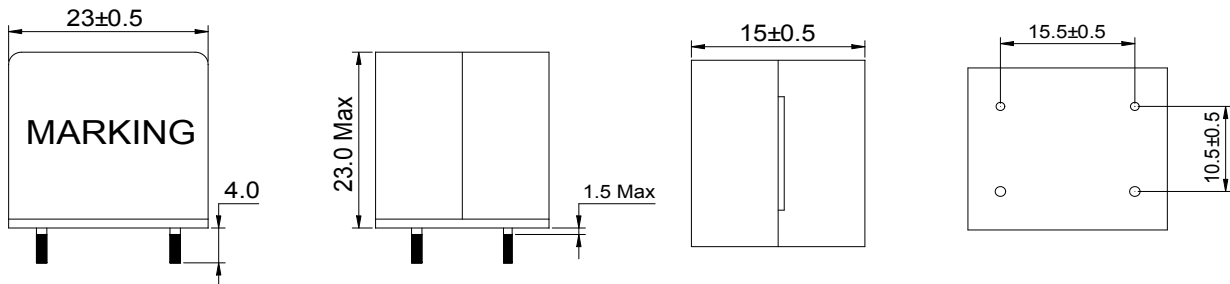
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CKDP2320-10uH/M	10±20%	9.6	43.0	14.0
CKDP2320-12uH/M	12±20%	9.6	36.0	14.0
CKDP2320-15uH/M	15±20%	9.6	31.0	14.0
CKDP2320-18uH/M	18±20%	9.6	26.0	14.0
CKDP2320-22uH/M	22±20%	9.6	22.0	14.0
CKDP2320-33uH/M	33±20%	9.6	12.0	14.0

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