 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER0805□□□ MAB

◆ Product Description

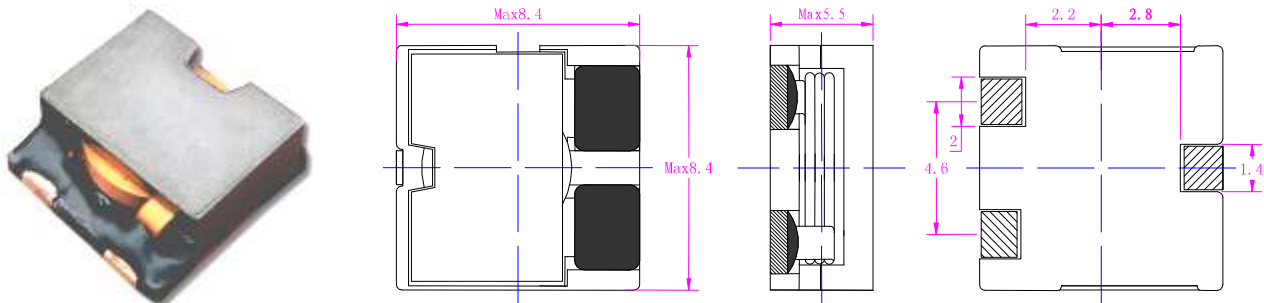
- a、 8.40×8.40mm Max. (L×W), 5.5mm Max. height.
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range:0.35~7.1 μ H (Standard type); 0.5~10.0 μ H (Low D.C.R type);0.2uH~4.0 μ H (High Power type).
- d、 Saturation Current range: 2.6~12.0A(Low D.C.R type); 3.8~18.4A (Standard type) ;7.2~32.0A (High Power type).
- e、 Temperature rise current 6.5~18.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



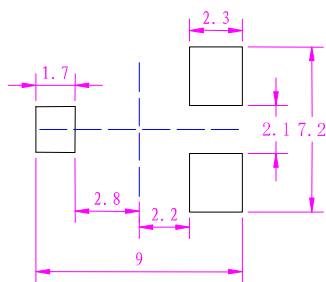
◆ Feature& Application

- a、 Mn-Zn core used, Flat wire used.
- b、 Super high current Inductors, ideally used in portable computer CPU power supply.
- c、 RoHS Compliance and Halogen free.

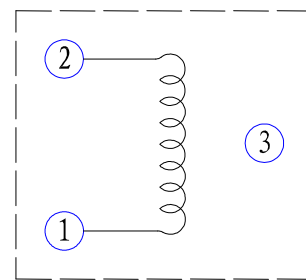
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER0805	0.20~10	100KHz	2.50~15	32~2.6	18.0~6.50	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

◆ Product Description

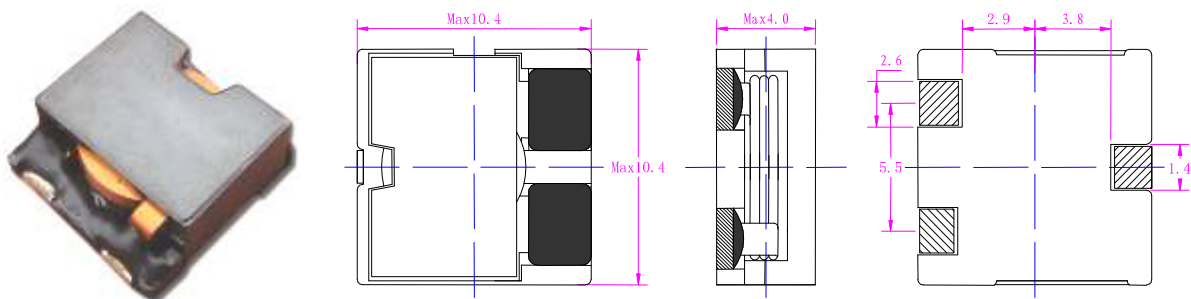
- a、10.4×10.4mm Max. (L×W), 4.0mm Max. height.
- b、Inductance range: 1.2~3.6uH.
- c、Rated current range: 4.4~9.7A.
- d、In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.

◆ Feature& Application

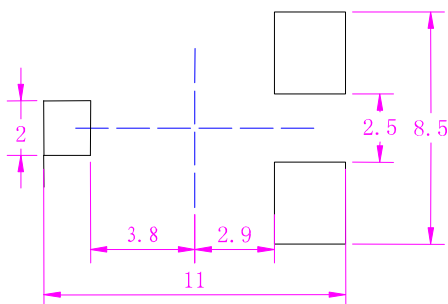
- a、Mn-Zn core used, Flat wire used.
- b、Super high current Inductors, ideally used in portable computer CPU power supply.
- c、RoHS Compliance and Halogen free.



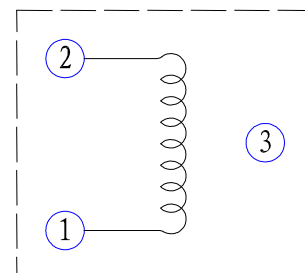
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1030	1.20 ~3.60	100KHz	5.9~22.5	13.5~7.90	9.70~4.40	20°C

- a、Saturation Current: The DC current at which the inductance decreases to 65% of it's nominal value.
- b、Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}.$ ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER1040□□□MAB

◆ **Product Description**

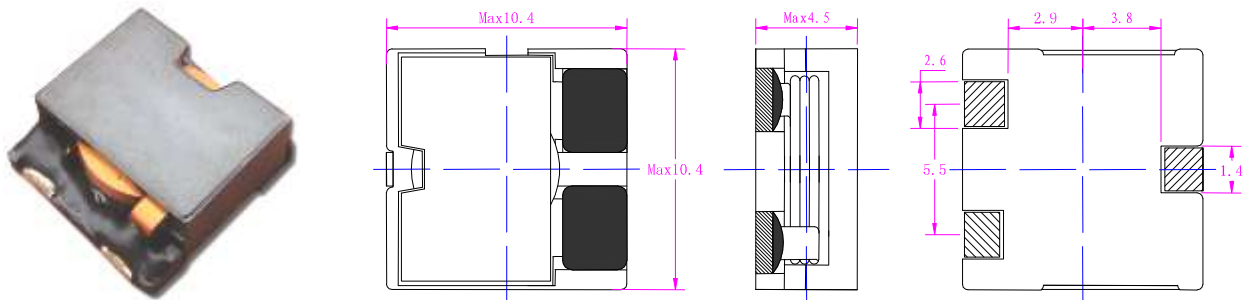
- a、 10.4×10.4mm Max. (L×W), 4.5mm Max. height.
- b、 Both standard type and Low DCR type of SER1040 are available.
- c、 Inductance range: 0.22~2.50uH(SER1040 Standard type);0.36~4.3uH(SER1040 Low D.C.R type).
- d、 Saturation Current range: 11.8~39.6A(SER1040 Standard type) ;7.0~24.2A(SER1040 Low D.C.R type).
- e、 Temperature rise current 5.0~18.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements



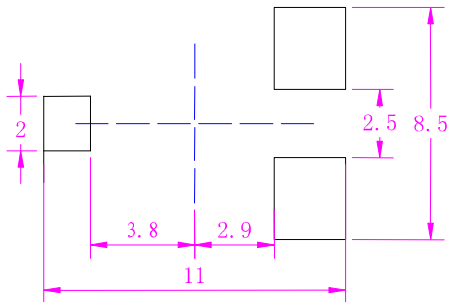
◆ **Feature& Application**

- a、 Mn-Zn core used, Flat wire used.
- b、 Super high current Inductors, ideally used in portable computer CPU power supply.
- c、 RoHS Compliance and Halogen free.

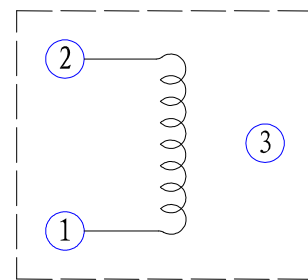
◆ **Dimensions (mm)**



◆ **Pad Layout(mm)**



◆ **Schematics (Bottom)**



◆ **Characteristic description**

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1040	0.22 ~4.30	100KHz	2.2~21.8	39.6~7.00	18.0~5.0	20°C

- a、 Saturation current: The DC current at which the inductance decreases to 65% (for the inductance tolerance :±30%) or 75% (for the inductance tolerance:±20%) of its nominal.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

◆ Product Description

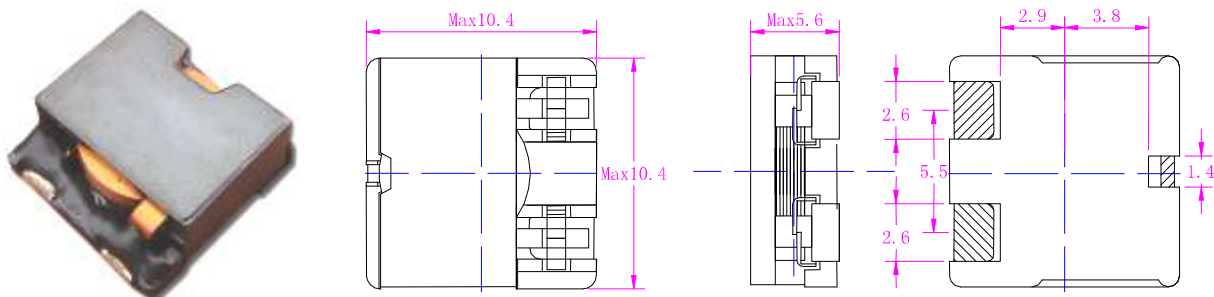
- 10.4×10.4mm Max. (L×W), 5.6mm Max. height.
- Both standard type and Low DCR type of SER1050 are available.
- Inductance Range:0.22~5.0uH (standard type);0.36~8.8 μ H(Low D.C.R type); 0.15~3.0 μ H (High Power type).
- Saturation Current range: 8.4~40.0 A(Standard type) ;4.8~24.0A(Low D.C.R type);12.6~55.0A (High Power type).
- Temperature rise current 4.9~19.0A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



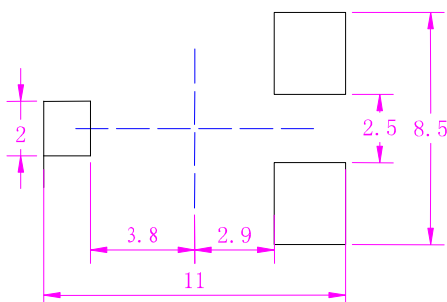
◆ Feature& Application

- Mn-Zn core used, Flat wire used.
- Super high current Inductors, ideally used in portable computer CPU power supply.
- RoHS Compliance and Halogen free.

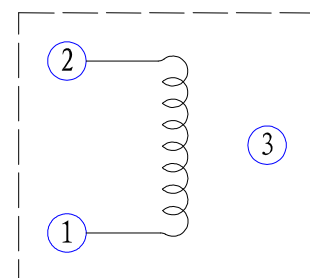
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1050	0.15 ~8.80	100KHz	1.7~23.8	55.0~4.80	19.0~4.9	20°C

- Saturation current: The DC current at which the inductance decreases to 65% (for the inductance tolerance :±30%) or 75% (for the inductance tolerance:±20%) of its nominal.
- Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

◆ Product Description

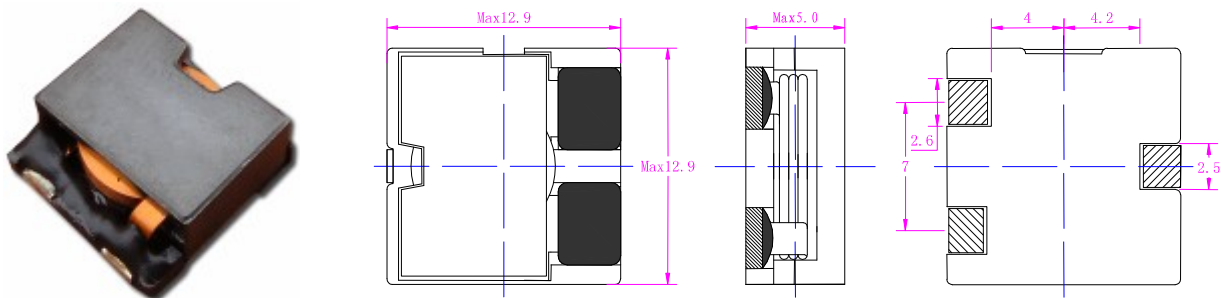
- a、 12.9×12.9mm Max. (L×W), 5.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range: 0.68~4.0 μ H (standard type);0.35~2.2 μ H (High Power type).
- d、 Saturation Current range: 8.8~20.8 A (Standard type) ;16.2~38.4A (High Power type).
- e、 Temperature rise current range 12.6~18.4A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

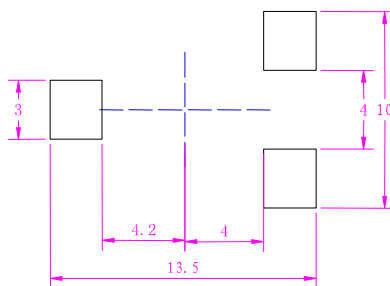
- a、 Mn-Zn core used, Flat wire used.
- b、 Super high current Inductors, ideally used in portable computer CPU power supply.
- c、 RoHS Compliance and Halogen free.



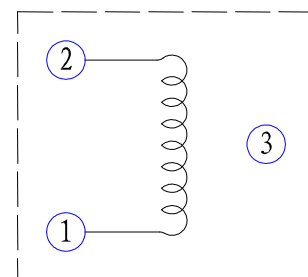
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1204	0.35~4.00	100KHz	1.6~7.6	38.4~8.0	18.4~12.6	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

◆ Product Description

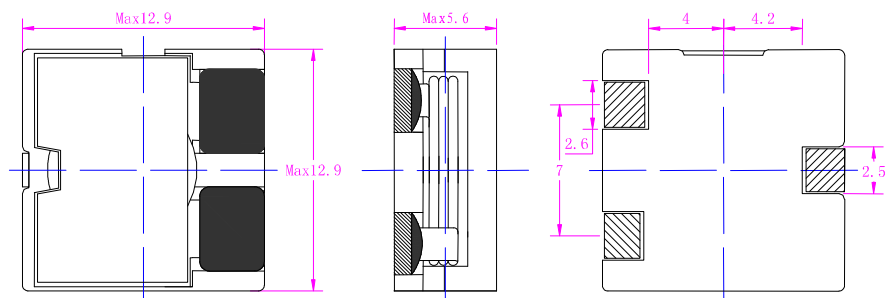
- 12.9×12.9mm Max. (L×W), 5.6mm Max. height
- Standard Type, High Power Type, Ultra Power Type are available
- Inductance range : 0.68~10 μH(Standard type);0.47~7.2 μH(High Power type); 0.35~5.6 μH (Ultra Power Type).
- Saturation current range: 5.0~20.4A(Standard type) ; 7.8~28.8A (High Power type); 9.5~35.0A (Ultra Power Type).
- Temperature rise current range 7.6~19.5A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



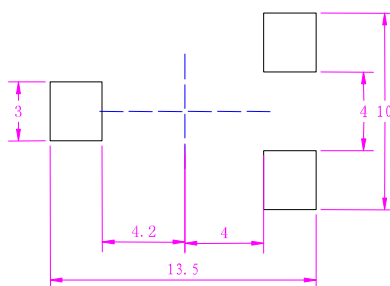
◆ Feature& Application

- Mn-Zn core used, Flat wire used.
- Super high current Inductors, ideally used in portable computer CPU power supply.
- RoHS Compliance and Halogen free.

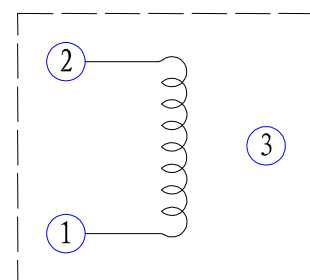
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1205	0.35~10	100KHz	1.5~13.5	35~5	19.5~7.6	20°C

- Saturation current: The DC current at which the inductance decreases to 65% (for the inductance tolerance :±30%) or 75% (for the inductance tolerance:±20%) of its nominal.
- Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER1405□□□MAB

◆ **Product Description**

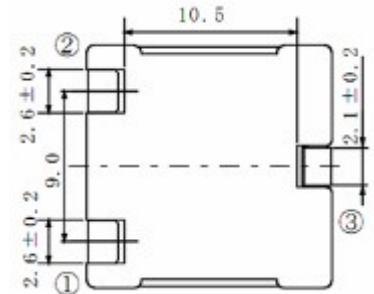
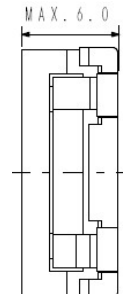
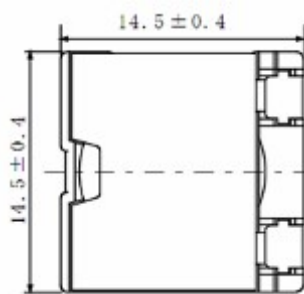
- a、 14.9×14.9mm Max. (L×W), 6.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance range : 0.68~6.1 μ H(Standard type);
0.56~5.0 μ H (High Power type).
- d、 Saturation Current range: 10.4~30.0A(Standard type) ;
13.1~36.0A (High Power type).
- e、 Temperature rise current range 9.5~23.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



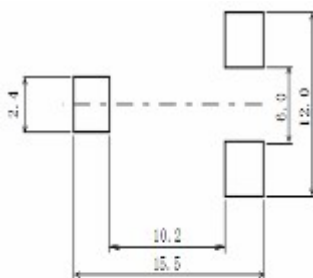
◆ **Feature& Application**

- a、 Mn-Zn core used, Flat wire used.
- b、 Super high current Inductors, ideally used in portable computer CPU power supply.
- c、 Qualification to AEC-Q200
- d、 RoHS Compliance and Halogen free.

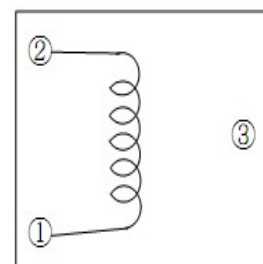
◆ **Dimensions (mm)**



◆ **Pad Layout(mm)**




◆ **Schematics (Bottom)**



◆ **Characteristic description**

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1405	0.56~6.10	100KHz	1.70~10.8	36~10.4	23~9.5	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t = 40^\circ\text{C}$. ($T_a = 20^\circ\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER1407□□□MAB

◆ **Product Description**

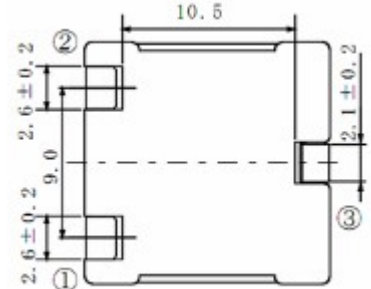
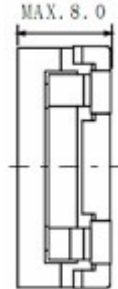
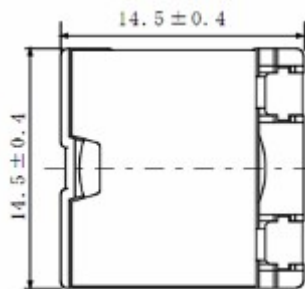
- a、 14.9×14.9mm Max. (L×W), 8.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance range: 0.5~12 μ H(Low D.C.R type); 0.4~9.5 μ H (standard type); 0.3~7.3 μ H(High Power type).
- d、 Saturation Current range: 8.0~39.6A(Low D.C.R type); 11.2~52.8A (Standard type) ;14.6~70A (High Power type).
- e、 Temperature rise current range 8.5~23.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.



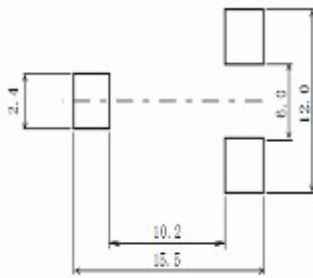
◆ **Feature& Application**

- a、 Mn-Zn core used, Flat wire used.
- b、 Super high current Inductors, ideally used in portable computer CPU power supply.
- c、 RoHS Compliance and Halogen free.

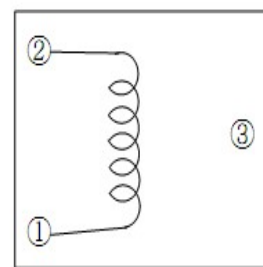
◆ **Dimensions (mm)**



◆ **Pad Layout(mm)**




◆ **Schematics (Bottom)**



◆ **Characteristic description**

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1407	0.30~12	100KHz	1.18~13.3	70~8.0	23~8.5	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is Δt=40°C.(Ta=20°C)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER1810□□□MAB

◆ **Product Description**

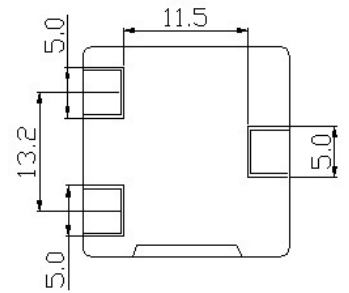
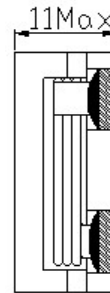
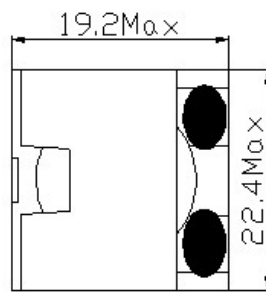
- a、 22.4×19.2mm Max. (L×W), 11.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range : 5.6~33uH.
- d、 Saturation Current range: 5.5~12.0A .
- e、 Temperature rise current range 12.0~22.5A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ **Feature& Application**

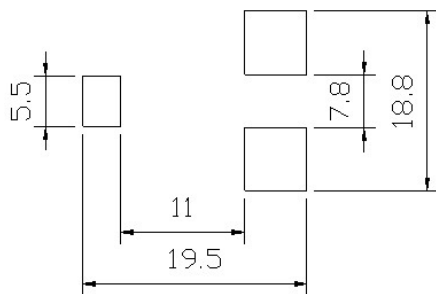
- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in PC and Game machine power supply
- c、 Operating temperature range: -40°C~+105°C(Including coil's self temperature rise).
- d、 RoHS Compliance and Halogen free.



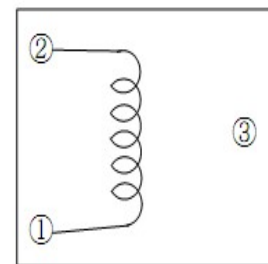
◆ **Dimensions (mm)**



◆ **Pad Layout(mm)**




◆ **Schematics (Bottom)**



◆ **Characteristic description**

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER1810	2.2~33	100KHz	1.50~9.0	15~5.5	22.5~12.0	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER2009□□□MAB

◆ Product Description

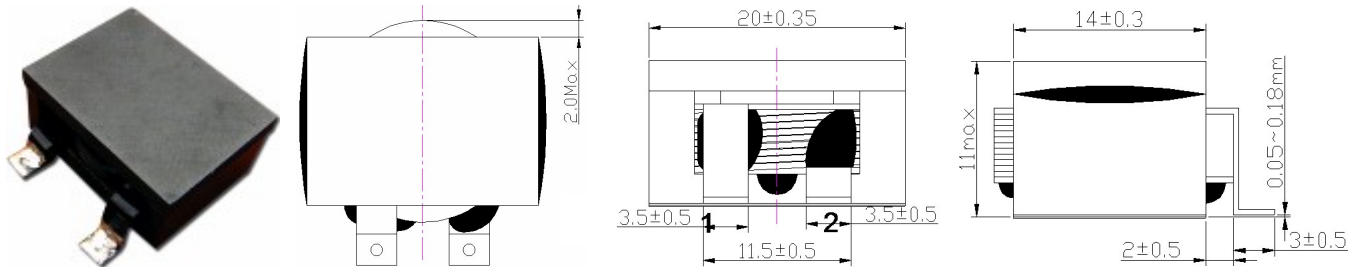
- a、 21.0×14.0mm Max. (L×W), 9.50mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range : 2.2~68uH.
- d、 Saturation Current range: 10~38.0A .
- e、 Temperature rise current range 8.0~30.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

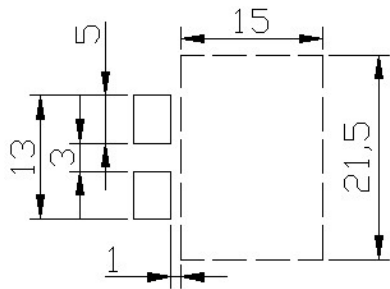
- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in Power module DC-DC Converter
- c、 RoHS Compliance and Halogen free.



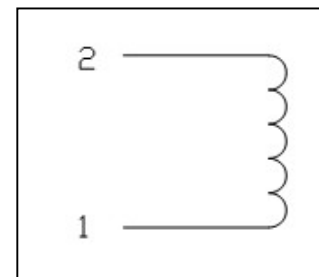
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER2009	2.2~68	100KHz	1.00~20.0	38~10	8~30.0	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 80% of it's nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	SMD power inductors
	Type	SER2209□□□MAB

◆ **Product Description**

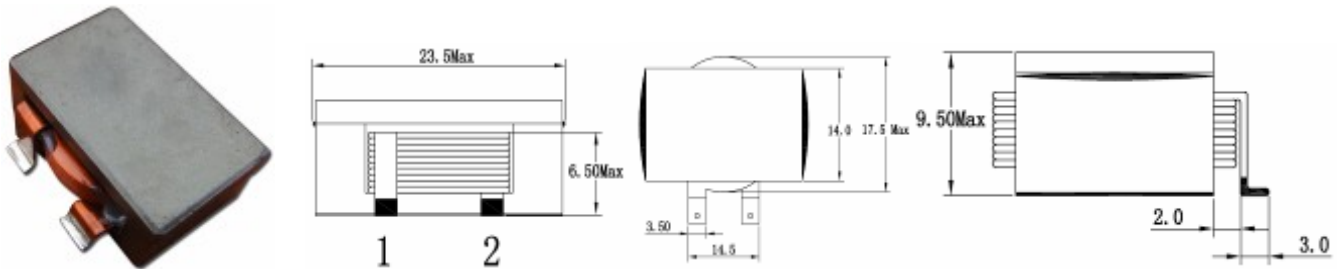
- a、 23.5×15.0mm Max. (L×W), 9.50mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range :1.0~100uH.
- d、 Saturation Current range: 12~45.0A .
- e、 Temperature rise current range 10~38.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ **Feature& Application**

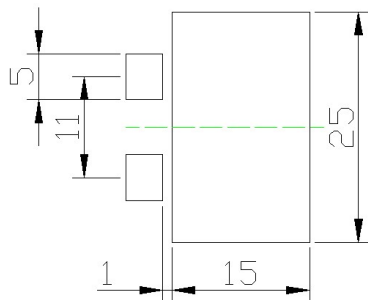
- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in Power module DC-DC Converter
- c、 RoHS Compliance and Halogen free.



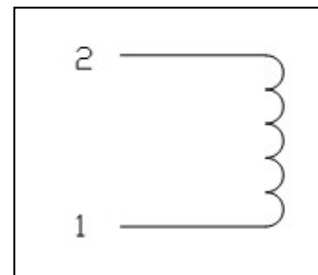
◆ **Dimensions (mm)**



◆ **Pad Layout(mm)**



◆ **Schematics (Bottom)**



◆ **Characteristic description**

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER2209	1.0~100	100KHz	1.00~30.0	45.0~12.0	38.0~10	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 90% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

◆ Product Description

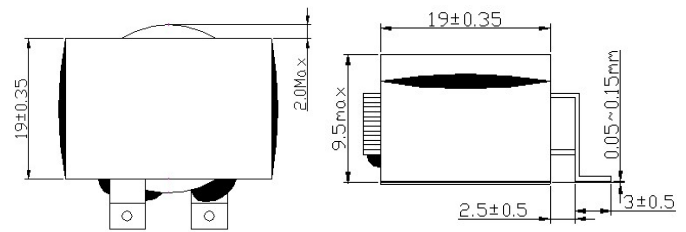
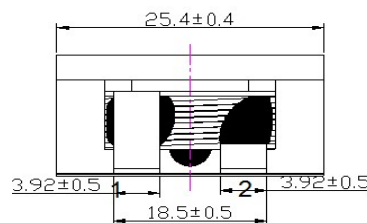
- a、 25.8×19.50mm Max. (L×W), 9.50mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range :1.0~68uH.
- d、 Saturation Current range: 20.0~45.0A .
- e、 Temperature rise current range 15~40.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

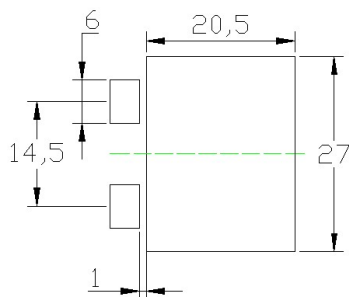
- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in Power module DC-DC Converter
- c、 RoHS Compliance and Halogen free.



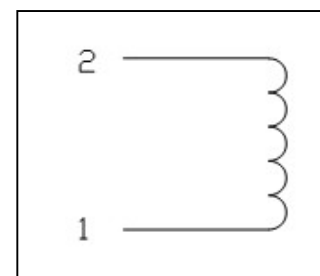
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER2509	1.0~68	100KHz	1.00~28.0	45.0~20	40.0~15.0	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 90% of it's nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

◆ Product Description

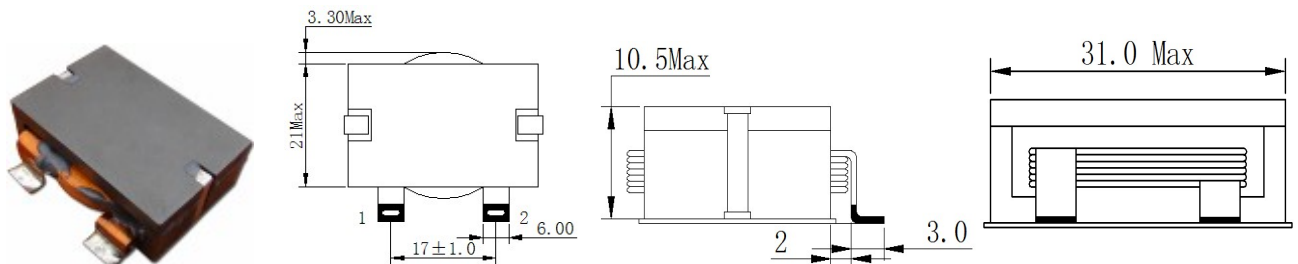
- 31.0×21.0mm Max. (L×W), 10.5mm Max. height
- Standard Type, High Power Type, Ultra Power Type are available.
- Inductance Range :1.0~68uH.
- Saturation Current range: 20.0~50A .
- Temperature rise current range 18~45.0A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

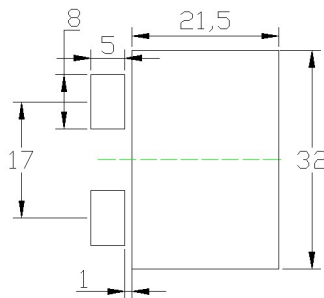
- Mn-Zn core used, Flat wire used.
- Ideally used in Power module DC-DC Converter
- RoHS Compliance and Halogen free.



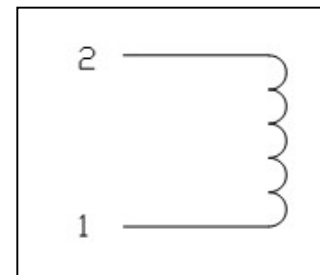
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SER3009	1.0~68	100KHz	1.00~25.0	50.0~20	45.0~18.0	20°C

- Saturation Current: The DC current at which the inductance decreases to 90% of it's nominal value.
- Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

◆ Product Description

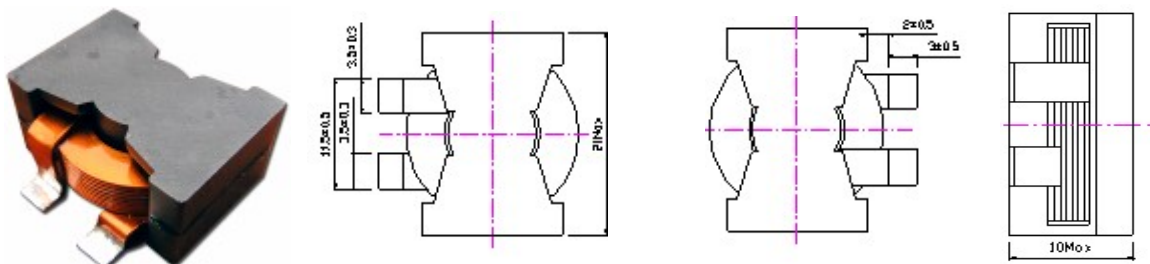
- a、 21.0×15.0mm Max. (L×W), 10.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range :1.0~100uH.
- d、 Saturation Current range: 15.0~50A .
- e、 Temperature rise current range 12~45.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

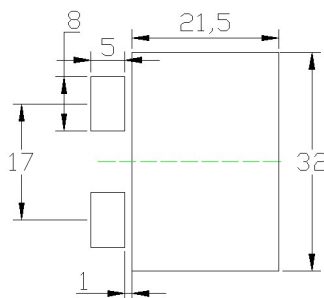
- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in Power module DC-DC Converter
- c、 RoHS Compliance and Halogen free.



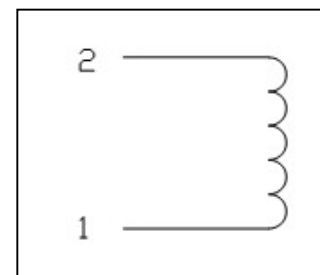
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
SPQ2009	1.0~100	100KHz	2.00~26.8	50.0~15	45.0~12.0	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 90% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

◆ Product Description

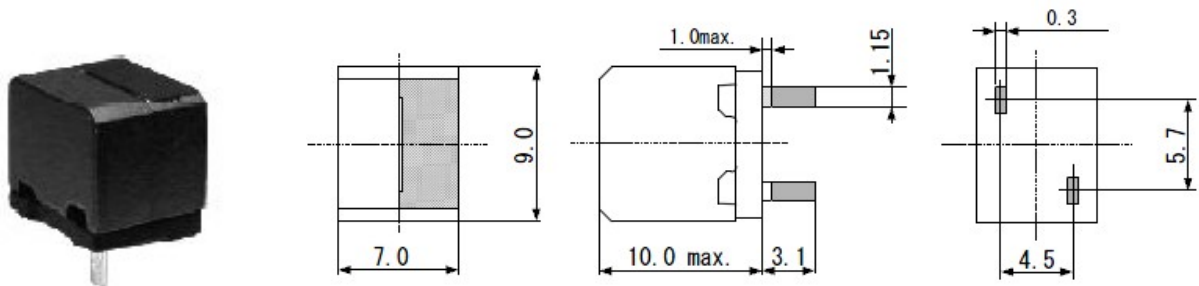
- 9.50×7.50mm Max. (L×W), 10.0mm Max. height
- Standard Type, High Power Type, Ultra Power Type are available.
- Inductance: 10uH.
- Saturation Current: 6A .
- Temperature ascending current: 4.70A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

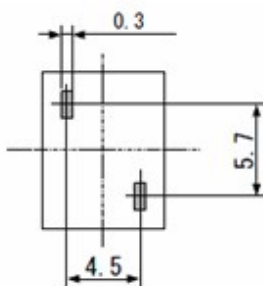
- Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- Good shielding, low radiation interference and high fidelity sound effects.
- Frequency Range: 1MHz
- RoHS Compliance and Halogen free.



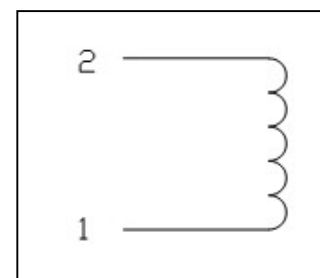
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE0909	10	1KHz	18 Max	6.0	4.70	20°C

- Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- Temperature rise current: The DC current at which the temperature rise is $\Delta t = 40^{\circ}\text{C}$. ($T_a = 20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE1315□□□MAB

◆ Product Description

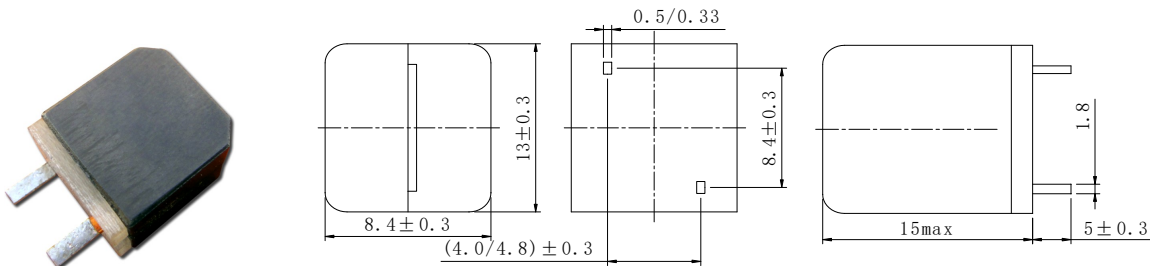
- a、13.5×8.50mm Max. (L×W), 15.0mm Max. height
- b、Standard Type, High Power Type, Ultra Power Type are available.
- c、Inductance:10uH、15uH、22uH、27uH、33uH.
- d、Saturation Current range: 3.40~6.0A .
- e、Temperature rise current range:5.3~8.0A.
- f、In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

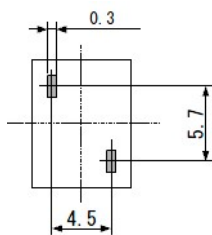
- a、Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、Good shielding, low radiation interference and high fidelity sound effects.
- d、Frequency Range: 1MHz
- e、RoHS Compliance and Halogen free.



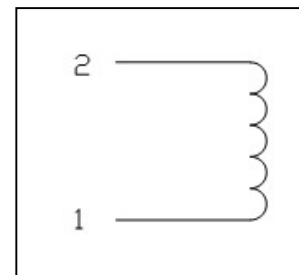
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE1315	10~33	1KHz	5.4~14.7	6~3.4	5~5.3	20°C

- a、Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE1315100MBB

◆ Product Description

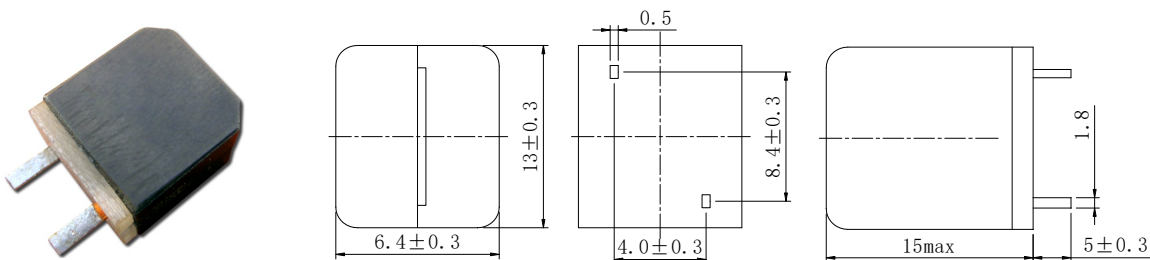
- a、 13.5×6.50mm Max. (L×W), 15.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance:10uH.
- d、 Saturation Current: 9.0A .
- e、 Temperature ascending current: 6.0A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

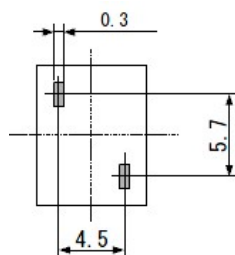
- a、 Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、 By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、 Good shielding, low radiation interference and high fidelity sound effects.
- d、 Frequency Range: 1MHz
- e、 RoHS Compliance and Halogen free.



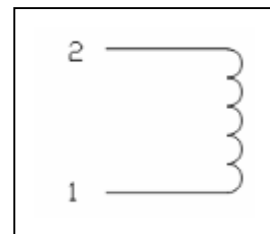
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE1315	10	1KHz	8.8 Max	9.0	6.0	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE1415□□□MAB

◆ Product Description

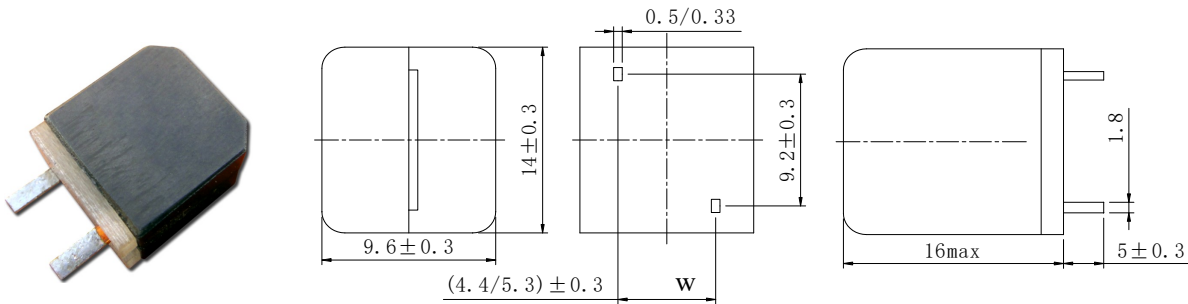
- a、14.5×9.60mm Max. (L×W), 16.0mm Max. height
- b、Standard Type, High Power Type, Ultra Power Type are available.
- c、Inductance: 10uH、15 uH (W=4.4mm) 、22uH (W=5.3mm) 、27uH、33uH (W=4.4mm) .
- d、Saturation Current range: 3.40~6.0A .
- e、Temperature rise current range:5.3~8.0A.
- f、In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

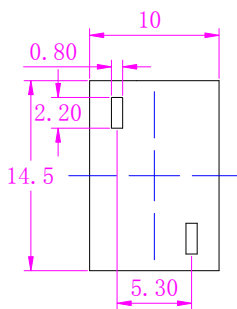
- a、Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、Good shielding, low radiation interference and high fidelity sound effects.
- d、Frequency Range: 1MHz
- e、RoHS Compliance and Halogen free.



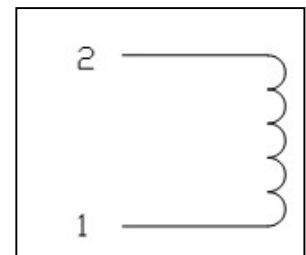
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE1415	10~33	1KHz	5.9~17.5	8.3~6.1	7.8~5.1	20°C

- a、Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE1415100MBB

◆ Product Description

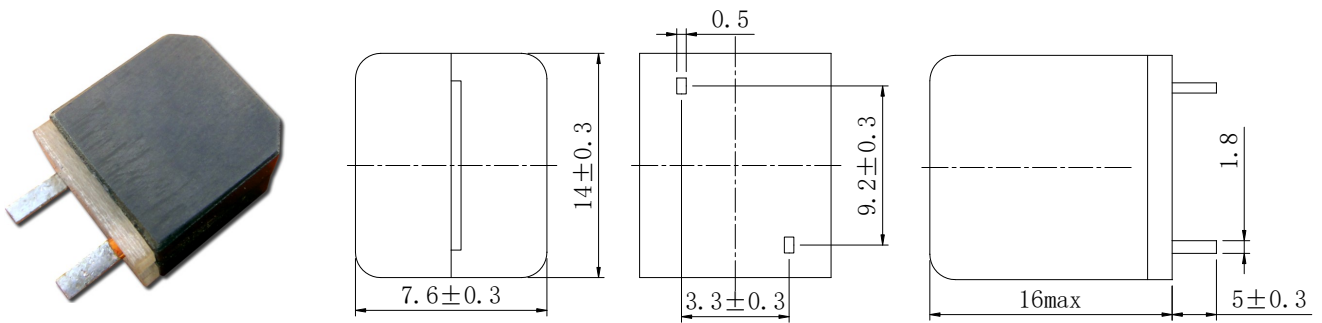
- a、 14.5×7.60mm Max. (L×W), 16.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance:10uH.
- d、 Saturation Current range: 13.5A .
- e、 Temperature rise current range:6.2A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

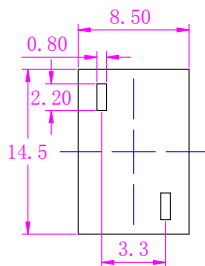
- a、 Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、 By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、 Good shielding, low radiation interference and high fidelity sound effects.
- d、 Frequency Range: 1MHz
- e、 RoHS Compliance and Halogen free.



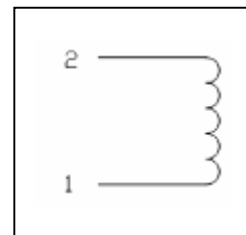
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE1415	10	1KHz	12.3	13.5	6.20	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t = 40^{\circ}\text{C}$. ($T_a = 20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE1718□□□MAB

◆ Product Description

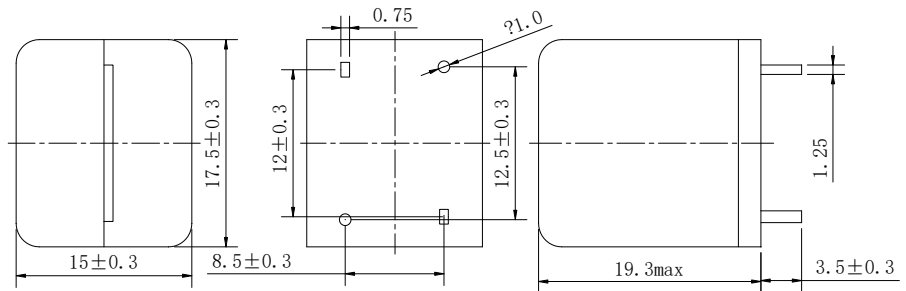
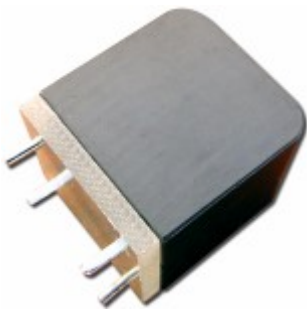
- a、 18.0×15.5mm Max. (L×W), 19.3mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance:10uH、 22uH、 33uH.
- d、 Saturation Current range: 7.5~26A .
- e、 Temperature rise current range:8.2A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

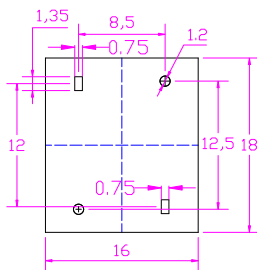
- a、 Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、 By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、 Good shielding, low radiation interference and high fidelity sound effects.
- d、 Frequency Range: 1MHz
- e、 RoHS Compliance and Halogen free.



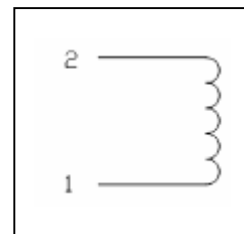
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE1718	10~33	1KHz	10.7	26~7.5	8.20	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE2322□□□MAB

◆ Product Description

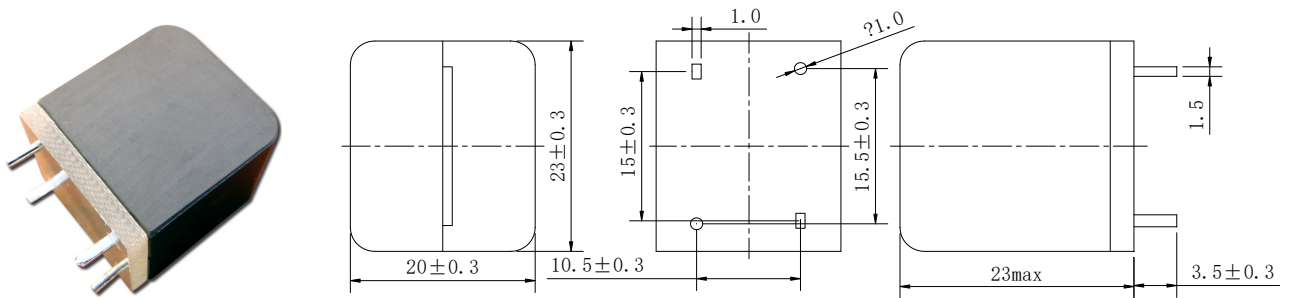
- a、 24.0×21.0mm Max. (L×W), 23mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance:10uH、 22uH、 33uH.
- d、 Saturation Current range: 10.4~37.8A .
- e、 Temperature rise current range:9.4A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

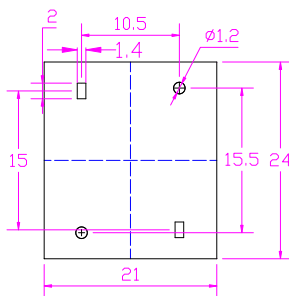
- a、 Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、 By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、 Good shielding, low radiation interference and high fidelity sound effects.
- d、 Frequency Range: 1MHz
- e、 RoHS Compliance and Halogen free.



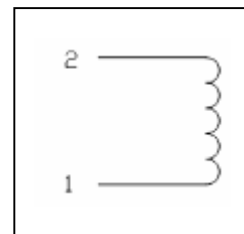
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE2322	10~33	1KHz	9.60	37.8~10.4	9.40	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPE3132□□□MAB

◆ Product Description

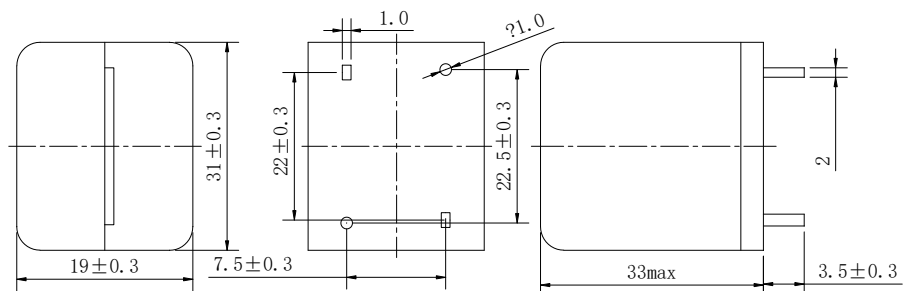
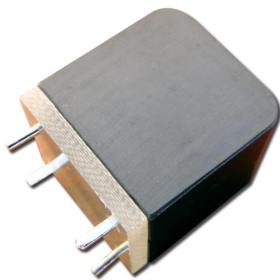
- a、 31.5×19.5mm Max. (L×W), 33mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance:18uH、 22uH.
- d、 Saturation Current range: 30~34A .
- e、 Temperature rise current range:12.6A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

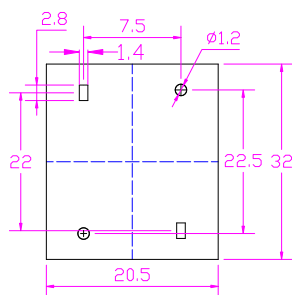
- a、 Digital Amplifier Inductor/The Flat Wire Use Ferrite Core Type.
- b、 By using the flat wire, Power inductors can be used for large current with low profile and low resistance.
- c、 Good shielding, low radiation interference and high fidelity sound effects.
- d、 Frequency Range: 1MHz
- e、 RoHS Compliance and Halogen free.



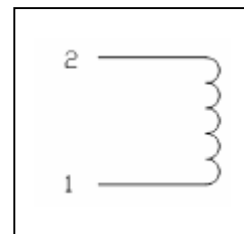
◆ Dimensions (mm)



◆ Pad Layout(mm)




◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE3132	18~22	1KHz	6.3	34~30	12.6	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 75% of its nominal value.
- b、 Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPQ2622□□□MAB

◆ **Product Description**

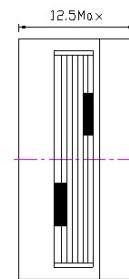
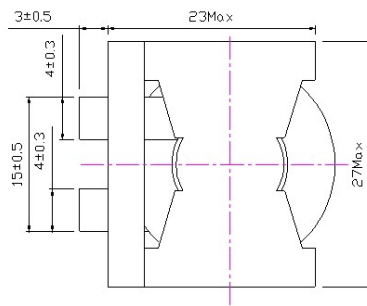
- a、 27.0×12.5mm Max. (L×W), 23mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance:18uH、 22uH.
- d、 Saturation Current range: 30~34A .
- e、 Temperature rise current range:12.6A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ **Feature& Application**

- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in Power module DC-DC Converter
- c、 RoHS Compliance and Halogen free.

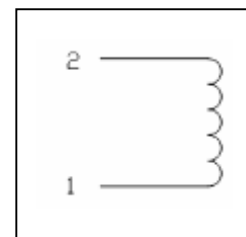


◆ **Dimensions (mm)**



◆ **Pad Layout(mm)**


◆ **Schematics (Bottom)**



◆ **Characteristic description**

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPQ2622	1.0~100	100KHz	2.00~26.8	50.0~15	45.0~12.0	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 90% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)

 深圳市品和科技有限公司 Shenzhen Pinho Technology Co; Ltd	Product type	power inductors
	Type	HPQ3226□□□MAB

◆ Product Description

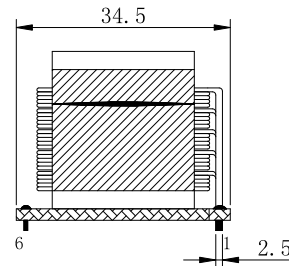
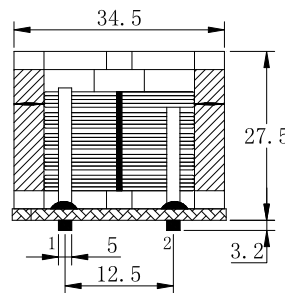
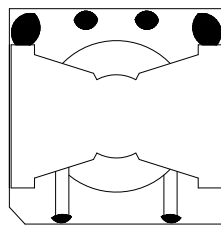
- a、 34.5×34.5mm Max. (L×W), 27.0mm Max. height
- b、 Standard Type, High Power Type, Ultra Power Type are available.
- c、 Inductance Range :1.0~50uH.
- d、 Saturation Current range: 30~120A .
- e、 Temperature rise current range 23~88A.
- f、 In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

◆ Feature& Application

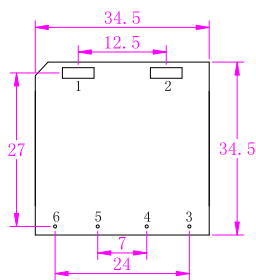
- a、 Mn-Zn core used, Flat wire used.
- b、 Ideally used in Power module DC-DC Converter
- c、 RoHS Compliance and Halogen free.



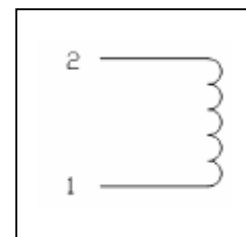
◆ Dimensions (mm)



◆ Pad Layout(mm)



◆ Schematics (Bottom)



◆ Characteristic description

TAPE	INDUCTORS (uH)	Test Frequency	DCR (mΩ)	Saturation Current(A)	Temperature Rise Current(A)	Test environment
HPE3132	1.0~50	100KHz	0.60~10.8	120.0~30	88~23	20°C

- a、 Saturation Current: The DC current at which the inductance decreases to 90% of it's nominal value.
- b、 Temperature rise current:The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$)