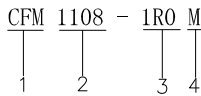


CFM系列 CFM Series

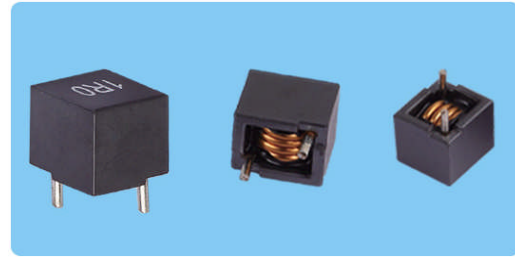
产品标示 Product indication



- 1、产品类型: CFM系列。
- 2、外观尺寸: 11表示宽11.0mm, 08表示高8.0mm。
- 3、电气特性表示: 1R0表示1.0uH。
- 4、允许公差: M表示±20%。

特性与应用 Features & Applications

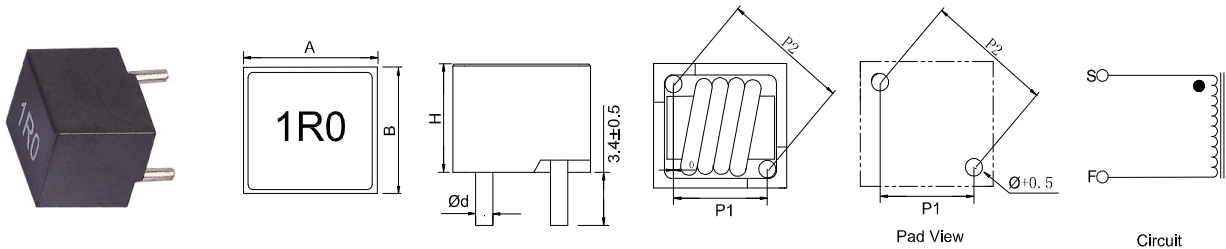
- 1、组立型、直插式磁性屏蔽结构。
- 2、超低成本, 小体积大电流设计。
- 3、应用工作频率范围可达1MHz。
- 4、很低的直流阻抗。
- 5、在高频和高温环境下具有良好的直流电流特性。
- 6、无铅产品, 符合RoHS、REACH等环保指令。
- 7、适用于笔记本和台式电脑的主机板上。
- 8、分布式电源系统或电压调节模块等的直流-直流升降压转换的应用。
- 9、一般电感用途。
- 10、下列所列参数供参考外, 还可以按照客户的特殊技术要求, 提供产品的定制设计和生产。



1. Product type: CPM series.
2. Dimension: 11 for width 11.0mm, 08 for height 8.0mm.
3. Characteristic: 1R0 for 1.0uH.
4. Tolerance: M for ±20%.

1. Composite, DIP magnetic shield structure.
2. Ultra Low cost, small profile, high rated current design.
3. Working frequency arrange reach to 1MHz.
4. Low DC resistance.
5. With excellent DC current in high frequency or high temperature condition.
6. Lead free, RoHS, REACH compliant.
7. Suit apply to CPU of notebook & labtop computer.
8. Assign electronic power system & voltage adjustor DC-DC converter application.
9. Regular usage of inductor.
10. The following date just for reference only, special requirement can be custom custom designs are available to meet your exact requirements.

外形尺寸(单位:mm)和电气性能 Shape and dimensions(unit:mm) & Electrical characteristics



产品编号 Part No.	电感值 Inductance L(uH)±20%	直流电阻 DCR (mΩ) Max	温升电流 I _{rms} (A) Max	饱和电流 IDC (A) Max	尺寸(单位:mm) Dimensions(unit:mm)					
					A (Max)	B (Max)	H (Max)	Φd ±0.1	P1 ±0.5	P2 ±0.5
CFM1009-R25M	0.25	0.50	35.0	50.0	10.5	10.5	9.4	1.4	5.0	7.5
CFM1108-R36M	0.36	0.92	38.0	45.0	12.0	12.0	9.0	1.5	7.0	9.5
CFM1108-R47M	0.47	0.92	38.0	45.0	12.0	12.0	9.0	1.5	6.0	8.5
CFM1108-R60M	0.60	0.92	35.0	45.0	12.0	12.0	9.0	1.5	6.0	8.5
CFM1108-R68M	0.68	1.25	34.0	45.0	12.0	12.0	9.0	1.4	6.5	9.0
CFM1108-R80M	0.80	1.25	32.0	45.0	12.0	12.0	9.0	1.4	6.5	9.0
CFM1309-R36M	0.36	0.70	40.0	70.0	13.0	9.4	10.0	1.6	7.0	9.5
CFM1309-R50M	0.50	0.70	40.0	60.0	13.0	9.4	10.0	1.6	7.0	9.5
CFM1309-R60M	0.60	1.30	32.0	60.0	13.0	9.4	10.0	1.4	7.0	9.5
CFM1309-R68M	0.68	1.30	32.0	55.0	13.0	9.4	10.0	1.4	7.0	9.5
CFM1309-R80M	0.80	1.30	32.0	50.0	13.0	9.4	10.0	1.4	7.0	9.5
CFM1309-1R0M	1.00	2.50	20.0	45.0	13.0	9.4	10.0	1.1	7.0	9.5
CFM1309-1R2M	1.20	2.50	20.0	40.0	13.0	9.4	10.0	1.1	7.0	9.5

Notes:

1. Special types can be custom besides the above regular listed.
2. Testing instrument: HP4286A or LCR Meter equivalent. Inductance testing condition: 200KHz/0.3V
3. Heat rated current(I_{rms}) means the coil temperature rise approximately ΔT=40°C which current value(according to ambient temperature at 25 celsius degree).
4. Saturation current(Isat) means after through DC current, its initial inductance value reduce 20%, which read DC current.
5. Operating temperature range -55°C to +125°C



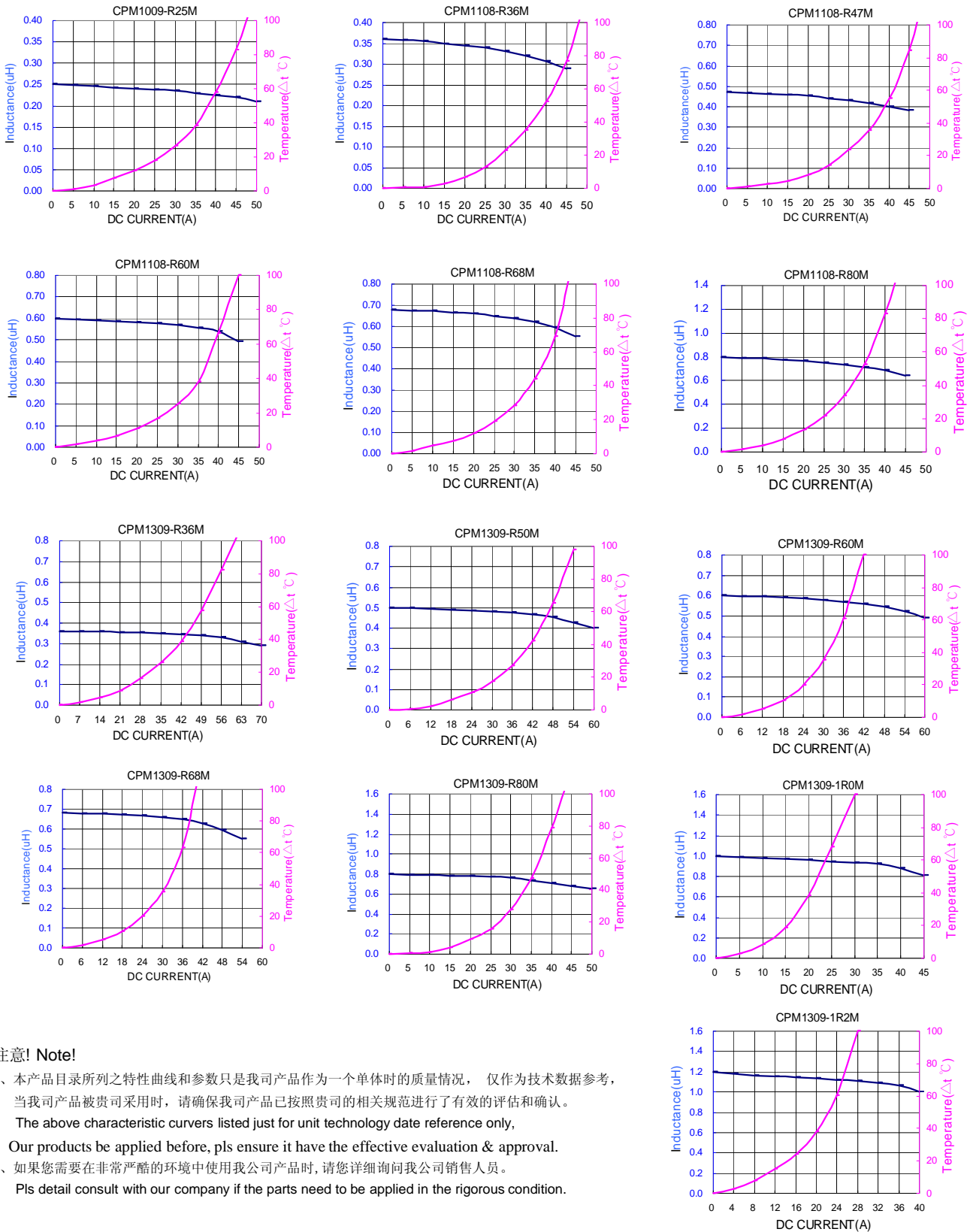
ISO 9001:2000
ISO 14001:2004
RoHS REACH

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Fax: (+86)0755-89585280
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电流特性曲线图 Current characteristic curves



注意! Note!

- 1、本产品目录所列之特性曲线和参数只是我司产品作为一个单体时的质量情况， 仅作为技术数据参考， 当我司产品被贵司采用时， 请确保我司产品已按照贵司的相关规范进行了有效的评估和确认。
The above characteristic curves listed just for unit technology data reference only,
Our products be applied before, pls ensure it have the effective evaluation & approval.
- 2、如果您需要在非常严酷的环境中使用我司产品时, 请您详细询问我公司销售人员。
Pls detail consult with our company if the parts need to be applied in the rigorous condition.



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RoHS REACH

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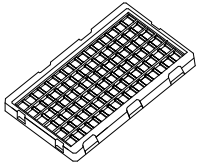
Http://www.codaca.com.cn

Fax: (+86)755-89585280

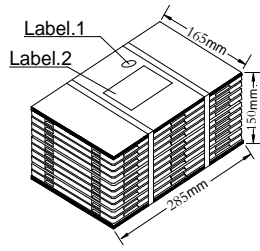
E-mail: codaca@codaca.com.cn



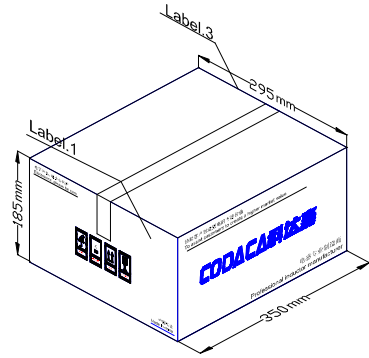
包装尺寸和数量 Packing dimensions (unit:mm) & Quantities(unit:PCS)



80 Pcs/Plate



10 Plate/a bundle Total:800 PCS

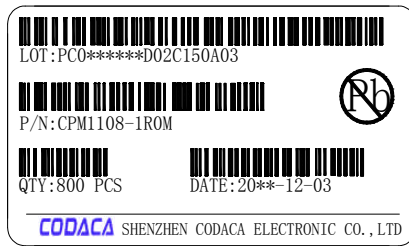


2 Bundles/Carton Total 1600 PCS

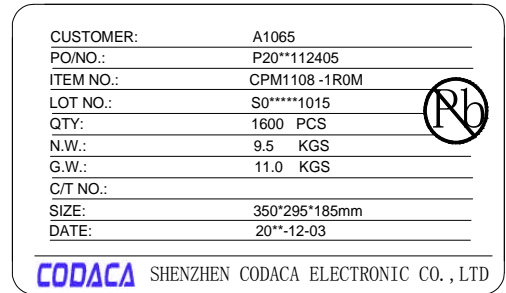
专用的标识方法 Special marking



Label-1



Label-2



Label-3

销售标签说明 Production label instruction

以下是科达嘉的生产和出货标签的相关事项

The following for CODACA and shall be marked on the production and shipping label on items

Production label (生产标签说明)

- 1.Part.No. 订单编号
- 2.Description 名称描述
- 3.Quantity 数量
- 4.Date of production 生产日期

Shipping label (出货标签说明)

1. Customer's name 客户名称
2. Customer's part No. 客户订单号
3. Manufacturer's part No. 制造单号
4. Manufacturer's name 制造商名称
5. Manufacturer's Country 制造国

注意 (1) 和 (2) 所列要求。 Note:Item 1 and 2 are listed by request.

使用注意事项 Care note for use

1、贮藏条件: Storage Condition:

温度25~35℃、湿度45~85%。

Temperature 25 to 35℃、Humidity45 to 85%.

2、使用温度 Use temperature:

● 最低温度: -55℃ (包括周边环境温度)。

Lowest temperature: -55 celsius degree(including ambient temerture).

● 最高温度: 125℃ (包括周边元件和其线圈的温升)。

Highest temperature:+125 celsius degree(including ambient parts & coils rise temperature).

● 在-55℃到+125℃的范围内可进行信赖性测试没问题, 但并不意味着其温度等级已达到了UL要求。

Can be tested reliable in temperature -55℃ & +125℃, but it do not means its temperature grade can match UL requested.

3、如果该线圈经受诸如跌落等机械应力时, 由于线体可能受损, 它的特性将会变弱, 因此不可再使用受损的线圈。

If the coils drop, it maybe injured, which electronict characteristic lead to weak, so the coils can not be used.

never use such stressed power choke coil.

4、如果产品需要洗涤, 请咨询我公司, 因为当要用洗涤机器清洗该线圈时, 该产品需要进行可信赖的确认。

If the coils need to washing, pls consult with our company in advance. Due to the coils have to reliable confirm before lavation.



ISO 9001:2000
ISO 14001:2004
RoHS REACH

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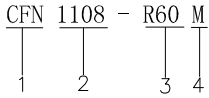
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CFN系列 CFN Series

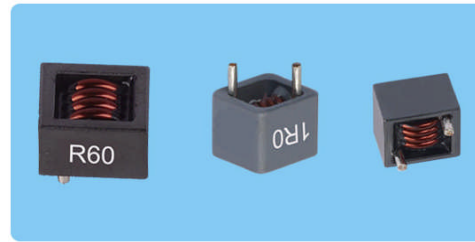
产品标示 Product indication



- 1、产品类型: CFN系列。
- 2、外观尺寸: 11表示宽11.0mm, 08表示高8.0mm,
- 3、电气特性表示: R60表示0.60uH。
- 4、允许公差: M表示±20%。

特性与应用 Features & Applications

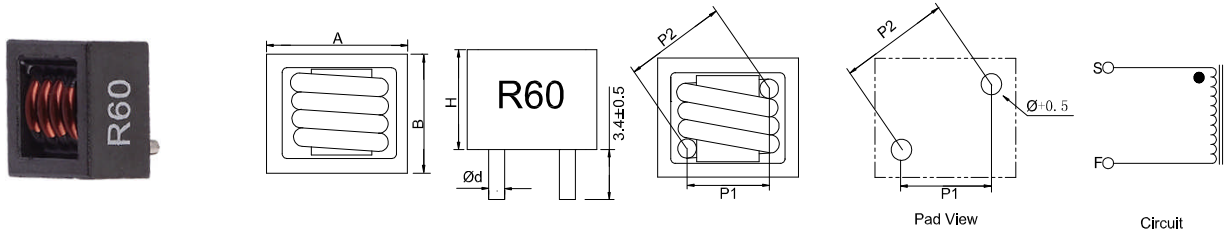
- 1、组立型、直插式圆铜线绕制构造。
- 2、超低成本, 小体积大电流设计。
- 3、磁性屏蔽结构, 工作频率范围可达1MHz。
- 4、很低的直流阻抗
- 5、在高频和高温环境下具有良好的直流电流特性。
- 6、无铅产品, 符合 RoHS、REACH等环保指令。
- 7、适用于笔记本和台式电脑的主机板上;
- 8、分布式电源系统或电压调节模块等的直流-直流升降压转换的应用。
- 9、一般电感用途。
- 10、下列所列参数供参考外, 还可以按照客户的特殊技术要求, 提供产品的定制设计和生产。



1. Product type: CPN Series.
2. External Dimensions: 11 for Width 11.0mm, 08 for Height 8.0mm,
3. Electrical Code: R60 for 0.6uH.
4. Tolerance: M for ±20%.

1. Combination type, DIP type copper ribbon round wire structure.
2. Ultra low cost, low profile package with large current design.
3. Magnetically shielded construction, High frequency range up to 1MHz.
4. Very low DC resistance.
5. Good DC current characteristics in high frequency and high temperature.
6. Lead free, products RoHS, REACH compliant.
7. The most suitable notebook and desktop computer motherboard
8. DC/DC converter in distributed power systems or VRM applications
9. Inductor for general purpose use
10. In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.

外形尺寸(单位:mm)和电气性能 Shape and dimensions(unit:mm) & Electrical characteristics



产品编号 Part No.	电感值 Inductance L(uH)±20%	直流电阻 DCR (mΩ) Max	温升电流 I _{rms} (A) Max	饱和电流 IDC (A) Max	尺寸(单位:mm)		Dimensions (unit:mm)			
					A (Max)	B (Max)	H (Max)	Φd ±0.1	P1 ±0.5	P2 ±0.5
CFN1108-R47M	0.47	0.90	32.0	50.0	11.5	11.0	8.5	1.4	5.5	8.7
CFN1108-R60M	0.60	0.90	28.0	45.0	11.5	11.0	8.5	1.4	5.5	8.7
CFN1108-R80M	0.80	1.50	33.0	40.0	11.5	11.0	8.5	1.3	5.5	8.7
CFN1108-1R0M	1.00	1.50	33.0	40.0	11.5	11.0	8.5	1.3	5.5	8.7
CFN1310-R47M	0.47	0.85	40.0	54.0	13.5	12.5	10.0	1.7	7.5	10.0
CFN1310-R60M	0.60	0.85	40.0	50.0	13.5	12.5	10.0	1.7	7.5	10.0
CFN1310-R80M	0.80	0.85	36.0	40.0	13.5	12.5	10.0	1.7	7.5	10.0
CFN1310-1R0M	1.00	1.30	34.0	38.0	13.5	12.5	10.0	1.5	7.5	10.0

Notes:

1. Special types can be custom besides the above regular listed.
2. Testing instrument: HP4286A or LCR Meter equivalent. Inductance testing condition: 200KHz/0.3V
3. Heat rated current(I_{rms}) means the coil temperature rise approximately ΔT=40°C which current value (according to ambient temperature at 25 celsius degree).
4. Saturation current(I_{sat}) means after through DC current, its initial inductance value reduce 20%, which read DC current.
5. Operating temperature range -55°C to +125°C



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RoHS REACH

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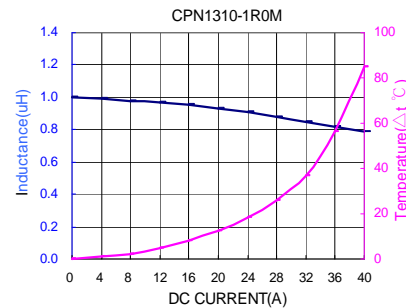
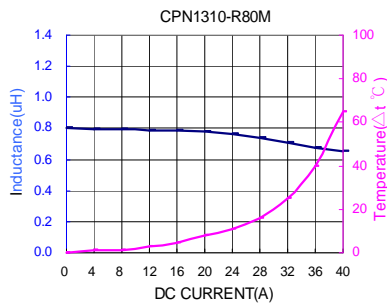
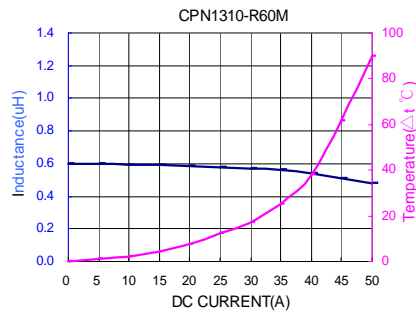
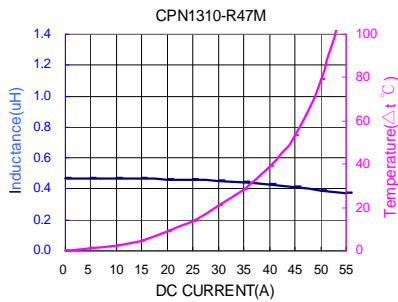
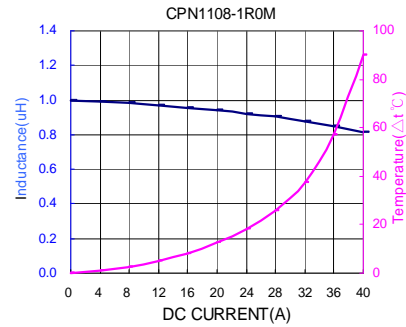
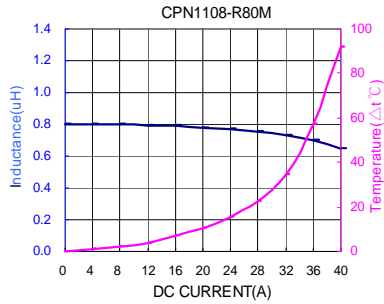
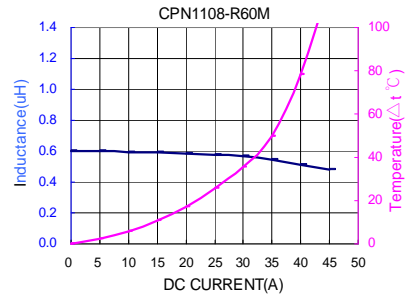
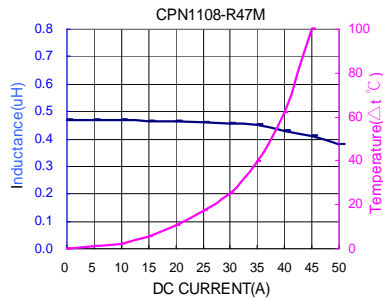
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电流特性曲线图 Current characteristic curves



注意! Note!

- 1、本产品目录所列之特性曲线和参数只是我司产品作为一个单体时的质量情况， 仅作为技术数据参考， 当公司产品被贵司采用时， 请确保我司产品已按照贵司的相关规范进行了有效的评估和确认。

The above characteristic curves listed just for unit technology data reference only,

Our products be applied before, pls ensure it have the effective evaluation & approval.

- 2、如果您需要在非常严酷的环境中使用我公司产品时， 请您详细询问我公司销售人员。

Pls detail consult with our company if the parts need to be applied in the rigorous condition.



ISO 9001:2000
ISO 14001:2004
RoHS REACH

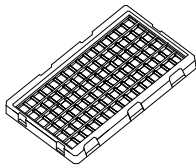
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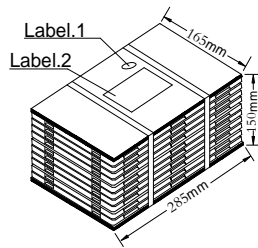
Fax: (+86)0755-89585280

E-mail: codaca@codaca.com.cn

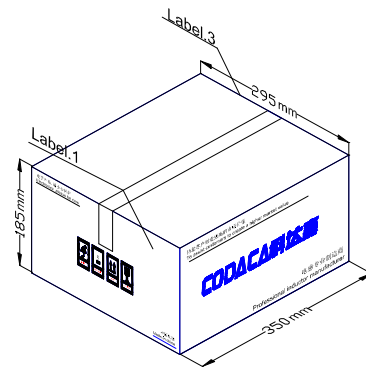
包装尺寸和数量 Packing dimensions(unit:mm) & Quantities(unit:PCS)



80 PCS/Plate



10 Plate/a bundle Total:800 PCS



2 Bundles/Carton Total 1600 PCS

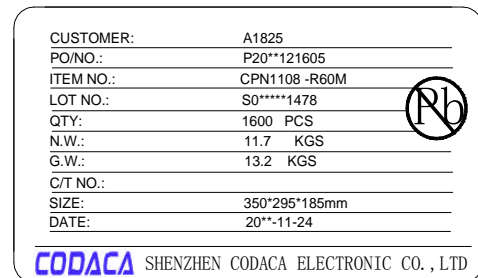
专用的标识方法 Special marking



Label-1



Label-2



Label-3

销售标签说明 Production label instruction

以下是科达嘉的生产和出货标签的相关事项

The following for CODACA and shall be marked on the production and shipping label on items

Production label (生产标签说明)

- 1.Part.No. 订单编号
- 2.Description 名称描述
- 3.Quantity 数量
- 4.Date of production 生产日期

Shipping label (出货标签说明)

1. Customer's name 客户名称
 2. Customer's part No. 客户订单号
 3. Manufacturer's part No. 制造单号
 4. Manufacturer's name 制造商名称
 5. Manufacturer's Country 制造国
- 注意(1)和(2)所列要求。 Note:Item 1 and 2 are listed by request.

使用注意事项 Care note for use

1、贮藏条件: Storage Condition:

温度25~35℃、湿度45~85%。

Temperature 25 to 35℃、Humidity45 to 85%.

2、使用温度 Use temperature:

● 最低温度: -55℃(包括周边环境温度)。

Lowest temperature: -55 celsius degree(including ambient temerture).

● 最高温度:125℃(包括周边元件和其线圈的温升)。

Highest temperature:+125 celsius degree(including ambient parts & coils rise temperature).

● 在-55℃到+125℃的范围内可进行信赖性测试没问题,但并不意味着其温度等级已达到了UL要求。

Can be tested reliable in temperature -55℃ & +125℃, but it do not means its temperature grade can match UL requested.

3、如果该线圈经受诸如跌落等机械应力时,由于线体可能受损,它的特性将会变弱,因此不可再使用受损的线圈。

If the coils drop, it maybe injured, which electronict characteristic lead to weak, so the coils can not be used.

never use such stressed power choke coil.

4、如果产品需要洗涤,请咨询我公司,因为当要用洗涤机器清洗该线圈时,该产品需要进行可信的确认。

If the coils need to washing, pls consult with our company in advance. Due to the coils have to reliable confirm before lavation.



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RoHS REACH

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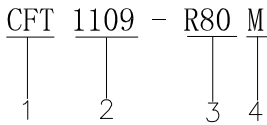
Http://www.codaca.com.cn

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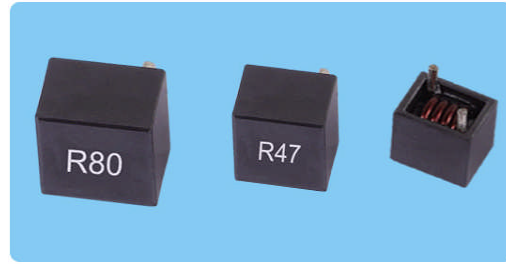
E-mail:codaca@codaca.com.cn

CFT系列 CFT Series

产品标示 Product indication



- 1、产品类型: CFT系列。
- 2、外观尺寸:11表示宽11.0mm、09表示高9.0mm。
- 3、电气特性表示:R80表示0.80uH。
- 4、允许公差:M表示±20%。

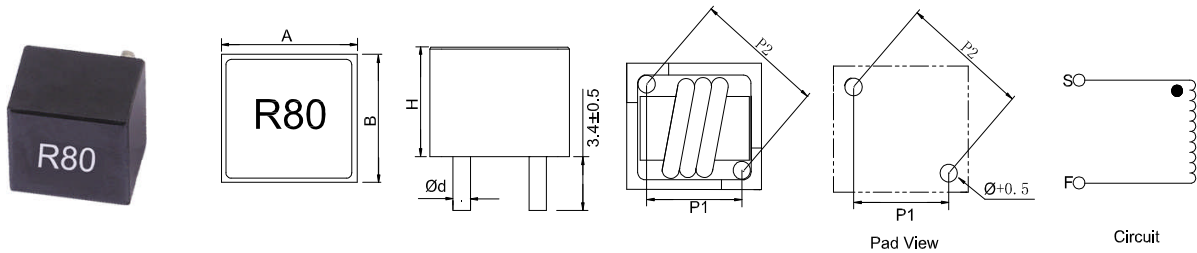


1. Product type: CPT Series.
2. External Dimensions:11 for Width 11.0mm, 09 for Height 9.0mm.
3. Electrical Code:R80 for 0.80uH.
4. Tolerance:M for ±20%.

特性与应用 Features & Applications

- 1、组立式、直插式圆铜线绕制构造。
 - 2、超低成本,小体积大电流设计。
 - 3、磁性屏蔽结构,工作频率范围可达1MHz。
 - 4、很低的直流阻抗。
 - 5、在高频和高温环境下具有良好的直流电流特性。
 - 6、无铅产品,符合 RoHS、REACH等环保指令。
 - 7、适用于笔记本和台式电脑的主机板上。
 - 8、分布式电源系统或电压调节模块等的直流-直流升降压转换的应用。
 - 9、一般电感用途。
 - 10、下列所列参数供参考外,还可以按照客户的特殊技术要求,提供产品的定制设计和生产。
1. Comination type, DIP type copper ribbon round wire structure.
 2. Ultra low cost,low profile package with large current design.
 3. Magnetically shielded construction, High frequency range up to 1MHz.
 4. Very low Dcresistance.
 5. Good DC current characteristics in high frequency and high temperature.
 6. Lead free products,RoHS、REACH compliant.
 7. The most suitable notebook and desktop computer motherboard
 8. DC/DC converter in distributed power systems or VRM applications
 9. Inductor for general purpose use
 10. In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements.

外形尺寸(单位:mm)和电气性能 Shape and dimensions(unit:mm) & Electrical characteristics



产品编号 Part No.	电感值 Inductance L(uH)±20%	直流电阻 DCR (mΩ) Max	温升电流 I _{rms} (A) Max	饱和电流 IDC (A) Max	尺寸(单位:mm) Dimensions(unit:mm)					
					A (Max)	B (Max)	H (Max)	Φd ±0.1	P1 ±0.5	P2 ±0.5
CFT0806-R47M	0.47	3.50	21.0	35.0	8.2	8.2	6.8	0.9	3.0	5.5
CFT0806-R60M	0.60	3.50	20.0	30.0	8.2	8.2	6.8	0.9	3.0	5.5
CFT0806-R80M	0.80	4.00	18.0	24.0	8.2	8.2	6.8	0.9	4.0	6.5
CFT0806-1R0M	1.00	6.00	16.0	22.0	8.2	8.2	6.8	0.9	4.0	6.5
CFT1109-R47M	0.47	0.90	34.0	50.0	11.7	11.7	9.7	1.5	6.2	8.7
CFT1109-R60M	0.60	0.90	33.0	50.0	11.7	11.7	9.7	1.5	6.2	8.7
CFT1109-R80M	0.80	1.50	32.0	45.0	11.7	11.7	9.7	1.3	5.9	8.4
CFT1109-1R0M	1.00	1.50	30.0	45.0	11.7	11.7	9.7	1.3	5.9	8.4

Notes:

1. Special types can be custom besides the above regular listed.
2. Testing instrument:HP4286A or LCR Meter equivalent. Inductance testing condition:200KHz/0.3V
3. Heat rated current(I_{rms}) means the coil temperature rise approximately ΔT=40℃ which current value(according to ambient temperature at 25 celsius degree).
4. Saturation current(Isat) means after throught DC current,its initial inductance value reduce 20%,which read DC current.
5. Operating temperature range -55℃ to +125℃



ISO 9001:2000
ISO 14001:2004
RoHS REACH

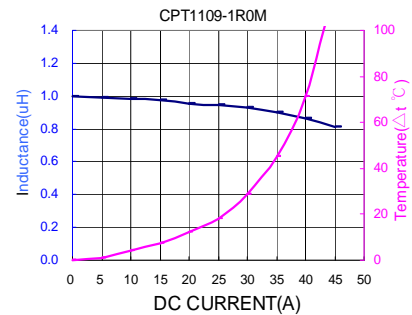
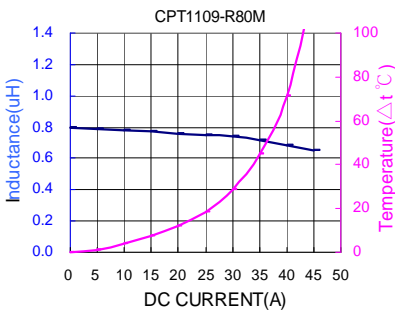
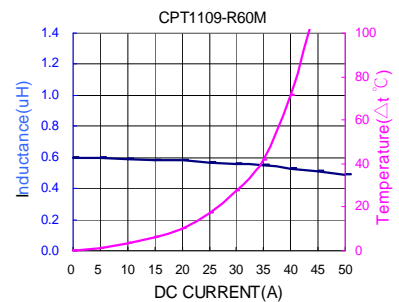
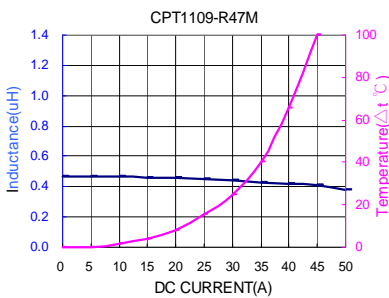
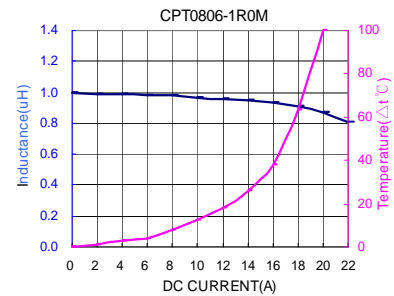
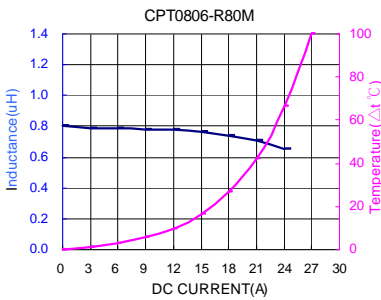
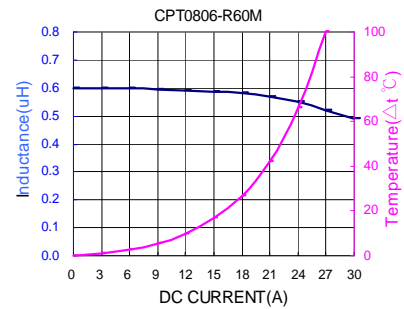
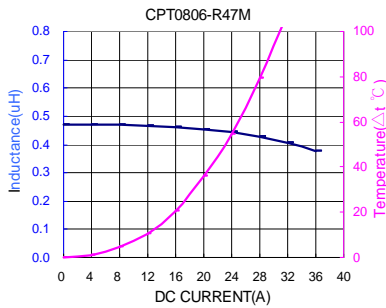
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电流特性曲线图 Current characteristic curves



注意! Note!

- 1、本产品目录所列之特性曲线和参数只是我司产品作为一个单体时的质量情况， 仅作为技术数据参考，
当我司产品被贵司采用时， 请确保我司产品已按照贵司的相关规范进行了有效的评估和确认。
The above characteristic curves listed just for unit technology data reference only,
Our products be applied before, pls ensure it have the effective evaluation & approval.
- 2、如果您需要在非常严酷的环境中使用我公司产品时， 请您详细询问我公司销售人员。
Pls detail consult with our company if the parts need to be applied in the rigorous condition.



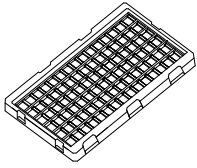
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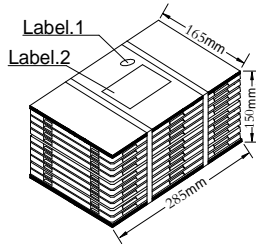
Fax: (+86)0755-89585280
E-mail: codaca@codaca.com.cn

包装 Packaging

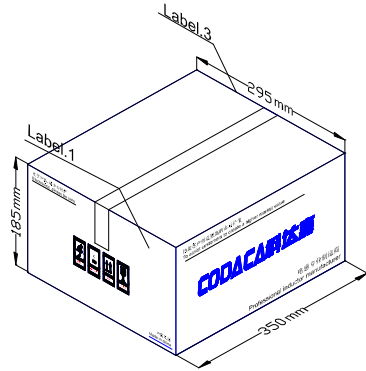
包装尺寸和数量 Packing dimensions (unit:mm) & Quantities(unit:PCS)



80 Pcs/Plate



10 Plate/a bundle Total:800 PCS

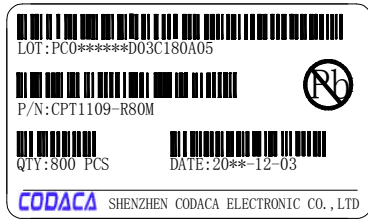


2 Bundles/Carton Total 1600 PCS

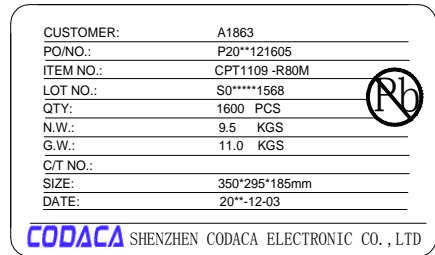
专用的标识方法 Special marking



Label-1



Label-2



Label-3

销售标签说明 Production Label Instruction

以下是科达嘉的生产和出货标签的相关事项

The following for CODACA and shall be marked on the production and shipping label on items

Production Label (生产标签说明)

- 1.Part.No. 订单编号
- 2.Description 名称描述
- 3.Quantity 数量
- 4.Date of production 生产日期

Shipping Label (出货标签说明)

1. Customer's name 客户名称
 2. Customer's part No. 客户订单号
 3. Manufacturer's part No. 制造单号
 4. Manufacturer's name 制造商名称
 5. Manufacturer's Country 制造国
- 注意 (1) 和 (2) 所列要求。 Note:Item 1 and 2 are listed by request.

使用注意事项 Care note for use

- 1、贮藏条件: Storage Condition:
温度25~35℃、湿度45~85%。
Temperature 25 to 35℃、Humidity45 to 85%.
- 2、使用温度 Use temperature:
● 最低温度: -55℃ (包括周边环境温度)。
Lowest temperature: -55 celsius degree(including ambient temerture).
● 最高温度: 125℃ (包括周边元件和其线圈的温升)。
Highest temperature:+125 celsius degree(including ambient parts & coils rise temperature).
● 在-55℃到+125℃的范围内可进行信赖性测试没问题, 但并不意味着其温度等级已达到了UL要求。
Can be tested reliable in temperature -55℃ & +125℃, but it do not means its temperature grade can match UL requested.
- 3、如果该线圈经受诸如跌落等机械应力时, 由于线体可能受损, 它的特性将会变弱, 因此不可再使用受损的线圈。
If the coils drop, it maybe injured, which electronict characteristic lead to weak, so the coils can not be used.
never use such stressed power choke coil.
- 4、如果产品需要洗涤, 请咨询我公司, 因为当要用洗涤机器清洗该线圈时, 该产品需要进行可信赖的确认。
If the coils need to washing, pls consult with our company in advance. Due to the coils have to reliable confirm before lavation.



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