



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRRF1280-100M

我司品名:

OUR PART NAME

Smd Coupling Inductor

送样日期:

DATE SAMPLES

数量:

QUANTITY

制造确认 MANUFACTURER APPROVE

| 拟制 DRAWN | 审核 CHECKED | 确认 APPROVED |
|-------------|------------|--------------|
| Hu Fangting | RaoPing | LiZhengxiong |

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION:

XRRF1280 10uH ±20% 11.2A

检查结果: 合格 不合格

签名及盖章:

INSPECT RESULT ACCEPT REJECT

SIGNATURE AND STAMP

说明 REMARK:

如对本承认书内容有异议请提出或标记发送至我司, 本承认书在未收到异议回复时于本承认书提供一周后生效。

If you have any objection to the contents of this acknowledgment, please raise it or send the mark to us.
The acknowledgment will become effective one week after the acknowledgment is provided in the absence of any objection.

东莞市祥如电子有限公司

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Tel: 0769-86346548 Fax: 0769-86346358

Email: dgxiangru@126.com

产品承认书

SPECIFICATION FOR APPROVAL

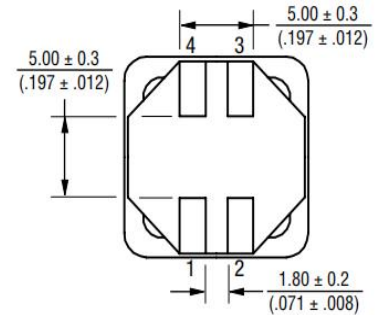
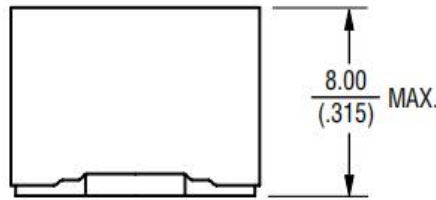
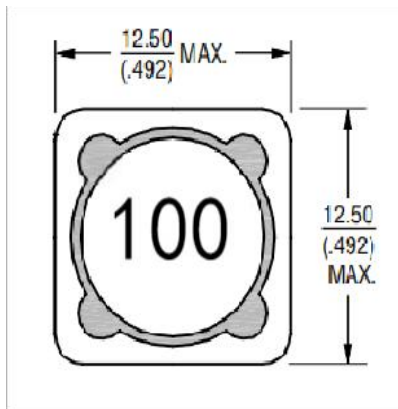
| | | | |
|------------------------|---------------|-----------------------|--------------------------|
| 客户名称 CUSTOMER | | 日期 DATE | 2025/8/10 |
| 客户物料编号 CUSTOMER P/N | | 客户规格型号 DESCRIPTION | XRRF1280 10uH ±20% 11.2A |
| 我司物料编号 OUR PART NO | XRRF1280-100M | 我司品名 OUR PART NAME | Smd Coupling Inductor |

Features:

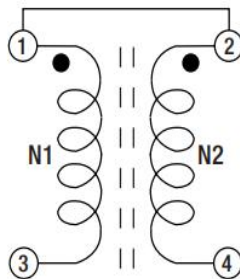
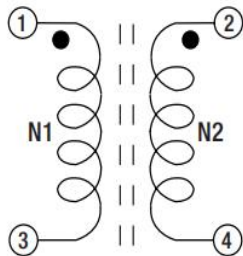
- Multiple applications: parallel, series, dual-inductor and transformer.
- Magnetically shielded, low radiation.
- Inductance range: 0.47 to 4000 μ H.
- Rated current up to 17.9 A.
- RoHS compliant*.


Applications:

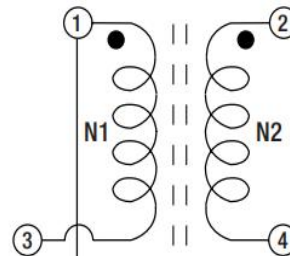
- SEPIC topology.
- Power supplies for:
 - Communication equipment.
 - Notebooks, desktop computers, servers.
 - LCDs, flat panels, backlights.
 - Camcorders, HDTVs.

Product Dimensions:


DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

Electrical Schematic:


PARALLEL



SERIES

General Specifications:

- Test Voltage: 0.25V;
- Hi-pot: 500 Vrms, 3 mA, 3 sec;
- Operating Temperature: -40°C to +125°C (Temperature rise included);
- Storage Temperature: -40°C to +125°C;
- Moisture Sensitivity Level: 1级;
- ESD Classification (HBM): N/A;



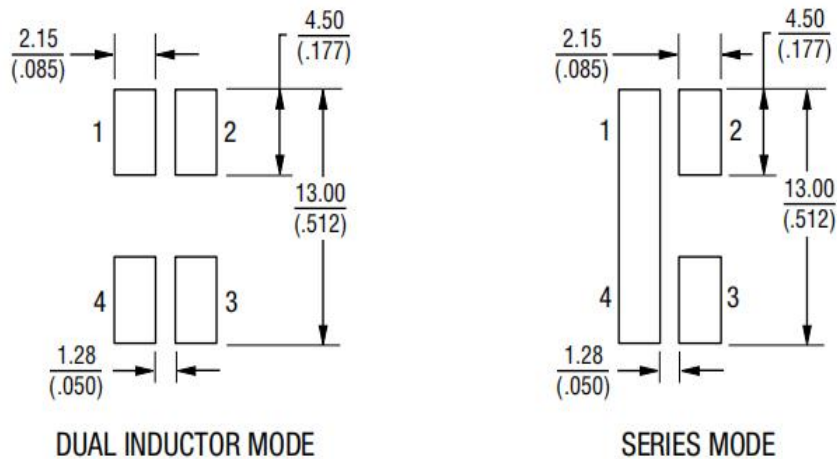
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Electrical Specifications @ 25 °C;

| Parallel Rating | | | | | | |
|-----------------|-----------------------------------|-------------|-----------------|-------------|-------------|--|
| PART NO. | Inductance @ 100 KHz L (uH) | Tol. (±) | DCR (Ω) Max. | Irms (A) | Isat (A) | |
| XRRF1280-100M | 10 | 20% | 0.0241 | 6.04 | 11.2 | |
| Series Rating | | | | | | |
| PART NO. | Inductance @ 100 KHz L (uH) | Tol. (±) | DCR (Ω) Max. | Irms (A) | Isat (A) | |
| XRRF1280-100M | 40 | 20% | 0.0921 | 3..02 | 5.6 | |

Recommended Layout:



Materials材料:

Core Ferrite
 Wire Enameled copper
 Base LCP
 Adhesive Epoxy resin
 Terminal Sn
 Rated Current Inductance drops 30 % at Isat
 Temperature Rise 40 °C at rated Irms
 Packaging 400 pcs. per 13-inch reel