

YPRH SERIES

■ Features

- High current Type;
- Ferrite bobbin core and compact size;
- Low core loss for high frequency power application.
- Large terminal surface for good PCB bonding;

■ Applications:

- Portable communication equipment;
- Notebook PC,digital camera,LCD television set;
- Power supply for VTR,OA equipment;
- DC/DC converters.

■ 产品标识: Product Identification

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|------|------|---|-----|-----|
| YPRH | □□□□ | - | □□□ | □ |
| (1) | (2) | | (3) | (4) |

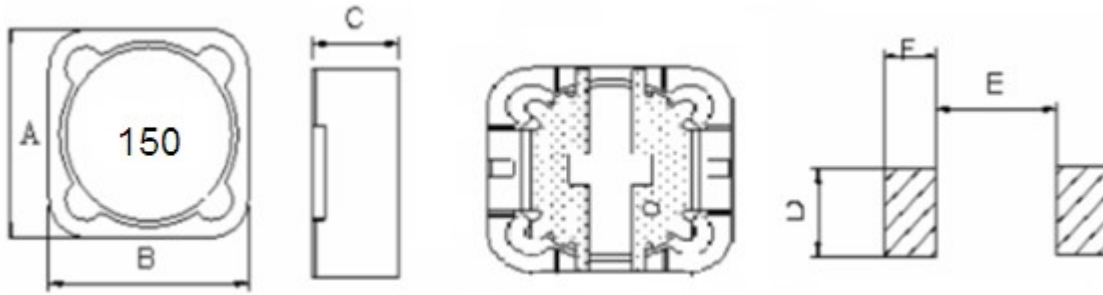
(1): 产品系列号;

(2): 产品尺寸;

(3): 电感值;

(4): 感值误差: N=±30%,M=±20%, L=±15%, K=±10%;

■ 尺寸(单位: mm)



| TYPE | A | B | C | D | E | F | G |
|-----------|----------|----------|---------|--------|---|---|---|
| YPRH07032 | 7.6MAX | 7.6MAX | 3.9MAX | / | / | / | / |
| YPRH07045 | 7.6MAX | 7.6MAX | 5.2MAX | / | / | / | / |
| YPRH0703 | 7.3±0.3 | 7.3±0.3 | 3.5MAX | 1.3MAX | / | / | / |
| YPRH0704 | 7.3±0.3 | 7.3±0.3 | 4.5MAX | 1.3MAX | / | / | / |
| YPRH1204 | 12.0±0.3 | 12.0±0.3 | 5.0MAX | 5.4MAX | / | / | / |
| YPRH1205 | 12.0±0.3 | 12.0±0.3 | 6.0MAX | 5.4MAX | / | / | / |
| YPRH1207 | 12.0±0.3 | 12.0±0.3 | 8.0MAX | 5.4MAX | / | / | / |
| YPRH1209 | 12.0±0.3 | 12.0±0.3 | 10.0MAX | 5.4MAX | / | / | / |
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■ YPRH07032 series

| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|----------------|-------|--------------|--------------------|-------------------|
| YPRH07032-4R7□ | 4.70 | 100KHz | 0.025 | 3.00 |
| YPRH07032-100□ | 10.0 | 100KHz | 0.041 | 2.00 |
| YPRH07032-150□ | 15.0 | 100KHz | 0.060 | 1.80 |
| YPRH07032-330□ | 33.0 | 100KHz | 0.120 | 1.30 |
| YPRH07032-101□ | 100 | 100KHz | 0.680 | 0.50 |
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■ YP3D28 series

| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|----------------|-------|--------------|--------------------|-------------------|
| YPRH07045-330□ | 33.0 | 100KHz | 0.025 | 3.00 |
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■ YPRH0703 series

| Part No. | L(μH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|---------------|-------|--------------|-----------|-------------------|
| YPRH0703-4R7□ | 4.70 | 100KHz | 0.042 | 3.50 |
| YPRH0703-150□ | 15.0 | 100KHz | 0.130 | 1.33 |
| YPRH0703-470□ | 47.0 | 100KHz | 0.360 | 0.76 |
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■ YPRH0704series

| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|---------------|-------|--------------|--------------------|-------------------|
| YPRH0704-R33□ | 0.33 | 100KHz | 0.012 | 7.00 |
| YPRH0704-1R0□ | 1.00 | 100KHz | 0.020 | 3.50 |
| YPRH0704-6R8□ | 6.80 | 100KHz | 0.055 | 2.10 |
| YPRH0704-470□ | 47.0 | 100KHz | 0.260 | 0.88 |
| YPRH0704-680□ | 68.0 | 100KHz | 0.440 | 0.69 |
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■ **YPRH1204 series**

| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|---------------|-------|--------------|--------------------|-------------------|
| YPRH1204-150□ | 15.0 | 100KHz | 0.050 | 3.60 |
| YPRH1204-220□ | 22.0 | 100KHz | 0.066 | 2.90 |
| YPRH1204-330□ | 33.0 | 100KHz | 0.097 | 2.30 |
| YPRH1204-221□ | 220 | 100KHz | 0.700 | 0.80 |
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■ YPRH1205 series

| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|---------------|-------|--------------|--------------------|-------------------|
| YPRH1205-4R7□ | 4.70 | 100KHz | 0.015 | 5.30 |
| YPRH1205-100□ | 10.0 | 100KHz | 0.020 | 4.00 |
| YPRH1205-220□ | 22.0 | 100KHz | 0.036 | 2.80 |
| YPRH1205-330□ | 33.0 | 100KHz | 0.057 | 2.10 |
| YPRH1205-470□ | 47.0 | 100KHz | 0.075 | 1.80 |
| YPRH1205-101□ | 100 | 100KHz | 0.160 | 1.30 |
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■ YPRH1207 series

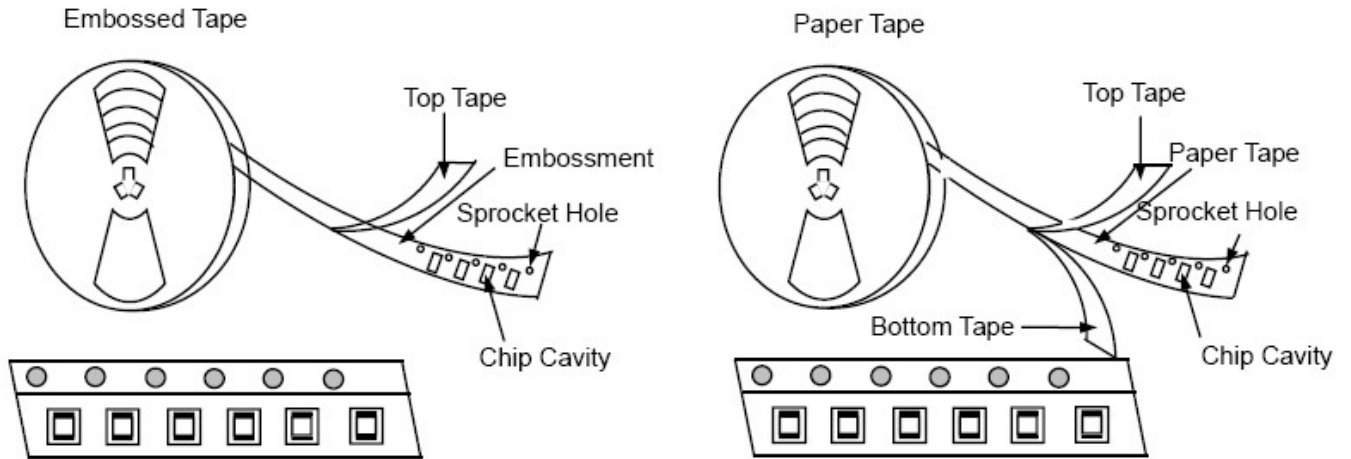
| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|---------------|-------|--------------|--------------------|----------------------|
| YPRH1207-6R8□ | 6.80 | 100KHz | 0.019 | 7.10 |
| YPRH1207-150□ | 15.0 | 100KHz | 0.027 | 4.50 |
| YPRH1207-220□ | 22.0 | 100KHz | 0.0432 | 3.60 |
| YPRH1207-330□ | 33.0 | 100KHz | 0.0648 | 3.00 |
| YPRH1207-680□ | 68.0 | 100KHz | 0.100 | 2.10 |
| YPRH1207-181□ | 180.0 | 100KHz | 0.260 | 1.30 |
| YPRH1207-472□ | 4700 | 100KHz | 3.900 | 0.15 |
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■ YPRH1209 series

| Part No. | L(uH) | L Test Freq. | DCR(Ω)Max | Rated Current (A) |
|---------------|-------|--------------|--------------------|----------------------|
| YPRH1209-4R7□ | 4.70 | 100KHz | 0.018 | 9.00 |
| YPRH1209-470□ | 47.0 | 100KHz | 0.120 | 4.00 |
| YPRH1209-680□ | 68.0 | 100KHz | 0.154 | 2.70 |
| YPRH1209-151□ | 150 | 100KHz | 0.510 | 1.60 |
| YPRH1209-221□ | 220 | 100KHz | 0.680 | 1.10 |
| YPRH1209-142□ | 1400 | 100KHz | 2.100 | 0.60 |
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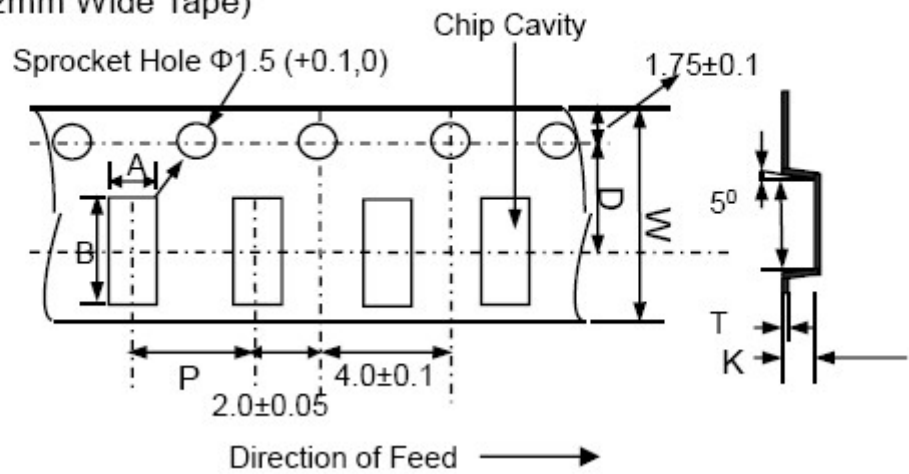
产品包装

TAPING DRAWINGS



TAPING DIMENSIONS (UNIT: mm)

1. Embossed Tape (8/12mm Wide Tape)



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