

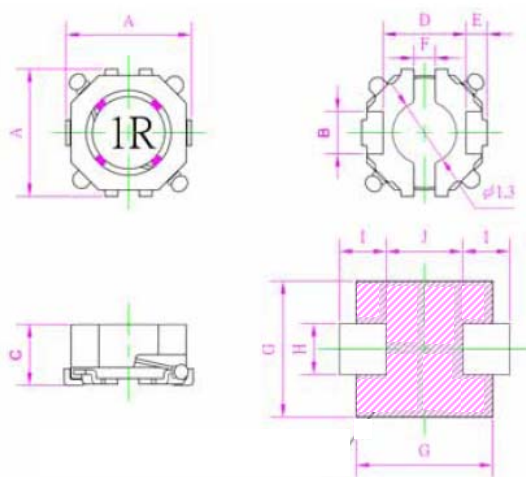
## FEATURES

- ◆ New designed terminal for low cost.
- ◆ Low profile and high current.
- ◆ Magnetically shielded construction.
- ◆ Ideal for digital equipment and hand phone of new generation.
- ◆ RoHS compliant.

## APPLICATIONS

- ◆ DSC, DVC, PDA products.
- ◆ Hand phone of new generation
- ◆ Hard disk drives.

## LAND PATTERNS(mm)



## DIMENSIONS (mm)

| Part No.  | A         | B   | C        | D   | E   | F   | G   | H   | I   | J   |
|-----------|-----------|-----|----------|-----|-----|-----|-----|-----|-----|-----|
| JPRH 0318 | 3.0 ± 0.2 | 1.0 | 1.8 Max. | 2.0 | 0.5 | 0.5 | 3.2 | 1.2 | 1.1 | 1.8 |

## SERIES LIST

| No. | Part No.       | L<br>(μH) | Test<br>Frequency<br>(KHz) | RDC<br>Max.<br>(mΩ) | Saturation Rated<br>Current (A) Max. |       | Temperature<br>Rise Current Max.<br>(A) |
|-----|----------------|-----------|----------------------------|---------------------|--------------------------------------|-------|-----------------------------------------|
|     |                |           |                            |                     | 20°C                                 | 100°C |                                         |
| 1   | JPRH 0318-2R2N | 2.2       | 100                        | 117                 | 1.10                                 | 0.90  | 1.10                                    |
| 2   | JPRH 0318-3R3N | 3.3       | 100                        | 143                 | 1.00                                 | 0.80  | 1.00                                    |
| 3   | JPRH 0318-4R7N | 4.7       | 100                        | 221                 | 0.80                                 | 0.70  | 0.90                                    |
| 4   | JPRH 0318-5R6N | 5.6       | 100                        | 247                 | 0.75                                 | 0.60  | 0.85                                    |
| 5   | JPRH 0318-6R8N | 6.8       | 100                        | 312                 | 0.70                                 | 0.55  | 0.82                                    |
| 6   | JPRH 0318-8R2N | 8.2       | 100                        | 351                 | 0.60                                 | 0.50  | 0.78                                    |
| 7   | JPRH 0318-100M | 10.0      | 100                        | 468                 | 0.55                                 | 0.48  | 0.75                                    |
| 8   | JPRH 0318-120M | 12.0      | 100                        | 533                 | 0.50                                 | 0.45  | 0.65                                    |
| 9   | JPRH 0318-150M | 15.0      | 100                        | 598                 | 0.45                                 | 0.40  | 0.55                                    |
| 10  | JPRH 0318-180M | 18.0      | 100                        | 715                 | 0.40                                 | 0.33  | 0.50                                    |
| 11  | JPRH 0318-220M | 22.0      | 100                        | 975                 | 0.38                                 | 0.30  | 0.45                                    |
| 12  | JPRH 0318-270M | 27.0      | 100                        | 1105                | 0.33                                 | 0.25  | 0.40                                    |
| 13  | JPRH 0318-330M | 33.0      | 100                        | 1222                | 0.30                                 | 0.23  | 0.33                                    |
| 14  | JPRH 0318-390M | 39.0      | 100                        | 1625                | 0.25                                 | 0.20  | 0.28                                    |
| 15  | JPRH 0318-470M | 47.0      | 100                        | 1820                | 0.23                                 | 0.18  | 0.25                                    |

Tolerance : M ± 20% ; N ± 30%

## PACKAGE

| Type      | JPRH 0318 |
|-----------|-----------|
| Q'TY/Reel | 3500      |