

# D SP073/0100.0/0.5A

|                         |                |                         |
|-------------------------|----------------|-------------------------|
| DIMENSION(UNIT: mm)<br> |                | A     7.3 ± 0.3     m/m |
|                         |                | B     7.3 ± 0.3     m/m |
|                         |                | C     3.4 (MAX)     m/m |
|                         |                | D     2.0 (REF)     m/m |
|                         |                | E     5.0 (REF)     m/m |
|                         |                | G     4.8 (REF)     m/m |
|                         |                | H     2.2 (REF)     m/m |
|                         |                | L     7.8 (REF)     m/m |
| ELECTRICAL REQUIREMENTS |                | SCHEMATIC<br>           |
| L (uH)                  | 100 ± 20%      |                         |
| RDC (Ω)                 | 0.79 (MAX)     |                         |
| IDC (A)                 | 0.5 (MAX)      |                         |
| TEST CONDITION          | 1KHZ / 1V      |                         |
| MATERIAL LIST           |                |                         |
| NO/ITEM                 | MATERIAL       | SUPPLIER                |
| WIRE TYPE               | 2UEW φ 0.15m/m |                         |
| WINDING                 | 47.5 TS (REF)  |                         |



MICROS

# D SP073/0100.0/0.5A

| TEST CONDITION: 1KHZ / 1V |              |               |              | DIMENSION (UNIT : mm) |              |              |  |
|---------------------------|--------------|---------------|--------------|-----------------------|--------------|--------------|--|
| ITEM                      | L<br>(uH)    | RDC<br>(Ω)    | IDC<br>(A)   | A                     | B            | C            |  |
| SPEC                      | 100<br>± 20% | 0.79<br>(MAX) | 0.5<br>(MAX) | 7.3<br>± 0.3          | 7.3<br>± 0.3 | 3.4<br>(MAX) |  |
| 1                         | 115.5        | 0.56          | OK           | 7.28                  | 7.38         | 3.12         |  |
| 2                         | 106.5        | 0.57          | OK           | 7.28                  | 7.41         | 3.15         |  |
| 3                         | 114.4        | 0.57          | OK           | 7.24                  | 7.30         | 3.14         |  |
| 4                         | 105.4        | 0.58          | OK           | 7.38                  | 7.36         | 3.12         |  |
| 5                         | 111.3        | 0.60          | OK           | 7.30                  | 7.32         | 3.16         |  |
| 6                         | 113.7        | 0.57          | OK           | 7.26                  | 7.38         | 3.14         |  |
| 7                         | 114.4        | 0.57          | OK           | 7.28                  | 7.30         | 3.12         |  |
| 8                         | 109.8        | 0.58          | OK           | 7.30                  | 7.26         | 3.18         |  |
| 9                         | 105.6        | 0.56          | OK           | 7.30                  | 7.36         | 3.20         |  |
| 10                        | 103.1        | 0.56          | OK           | 7.42                  | 7.28         | 3.12         |  |
| $\bar{X}$                 | 110.0        | 0.57          |              | 7.30                  | 7.34         | 3.15         |  |
| R                         | 12.4         | 0.04          |              | 0.18                  | 0.15         | 0.08         |  |

