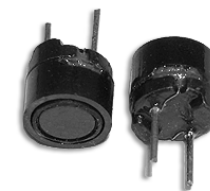


# THRU-HOLE RADIAL SHIELDED INDUCTORS

AISR-01, AISR-04



## FEATURES:

- Ferrite shielded
- Lowest EMI Emission

## OPTIONS:

- Bulk Packaging is standard
- Other tolerance available

## APPLICATIONS:

- Electronic Appliances
- Band Pass Filters

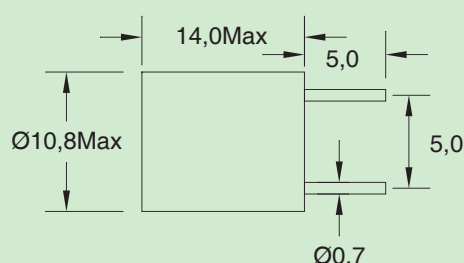
## STANDARD SPECIFICATIONS:

| Part Number<br>AISR-01 | L<br>(mH) | R <sub>DC</sub><br>Max<br>(Ω) | I <sub>DC</sub><br>Max<br>(mA) |
|------------------------|-----------|-------------------------------|--------------------------------|
| 102J                   | 1.0       | 3.4                           | 90                             |
| 122J                   | 1.2       | 3.7                           | 75                             |
| 152J                   | 1.5       | 4.0                           | 70                             |
| 182J                   | 1.8       | 4.5                           | 65                             |
| 222J                   | 2.2       | 5.2                           | 60                             |
| 272J                   | 2.7       | 5.8                           | 55                             |
| 332J                   | 3.3       | 6.1                           | 50                             |
| 392J                   | 3.9       | 7.2                           | 45                             |
| 472J                   | 4.7       | 7.5                           | 40                             |
| 562J                   | 5.6       | 8.4                           | 40                             |
| 682J                   | 6.8       | 9.7                           | 35                             |
| 772J                   | 7.7       | 10.0                          | 30                             |
| 822J                   | 8.2       | 10.4                          | 30                             |
| 103J                   | 10        | 12.1                          | 25                             |
| 123J                   | 12        | 13.0                          | 25                             |
| 153J                   | 15        | 15.0                          | 22                             |
| 183J                   | 18        | 17.0                          | 22                             |
| 223J                   | 22        | 19.5                          | 21                             |
| 273J                   | 27        | 22.0                          | 18                             |
| 333J                   | 33        | 26.0                          | 17                             |
| 363J                   | 36        | 27.0                          | 16                             |
| 393J                   | 39        | 45.0                          | 15                             |
| 473J                   | 47        | 52.0                          | 13                             |
| 563J                   | 56        | 58.0                          | 12                             |
| 683J                   | 68        | 67.0                          | 11                             |
| 104J                   | 100       | 82.0                          | 9                              |
| 124J                   | 120       | 97.0                          | 8                              |

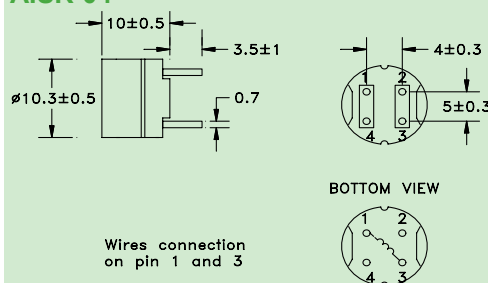
| Part Number<br>AISR-04 | L<br>(μH) | R <sub>DC</sub><br>Max<br>(Ω) | I <sub>DC</sub><br>Max<br>(A) |
|------------------------|-----------|-------------------------------|-------------------------------|
| 100M                   | 10        | 0.023                         | 3.9                           |
| 120M                   | 12        | 0.024                         | 3.6                           |
| 150M                   | 15        | 0.036                         | 3.2                           |
| 180M                   | 18        | 0.039                         | 2.9                           |
| 220M                   | 22        | 0.042                         | 2.6                           |
| 270M                   | 27        | 0.045                         | 2.4                           |
| 330L                   | 33        | 0.057                         | 2.1                           |
| 390L                   | 39        | 0.076                         | 2.0                           |
| 470L                   | 47        | 0.10                          | 1.8                           |
| 560L                   | 56        | 0.11                          | 1.6                           |
| 680L                   | 68        | 0.15                          | 1.5                           |
| 820L                   | 82        | 0.16                          | 1.4                           |
| 101L                   | 100       | 0.19                          | 1.2                           |
| 121L                   | 120       | 0.21                          | 1.1                           |
| 151L                   | 150       | 0.23                          | 1.0                           |
| 181L                   | 180       | 0.26                          | 0.92                          |
| 221L                   | 220       | 0.29                          | 0.83                          |
| 271L                   | 270       | 0.36                          | 0.75                          |
| 331L                   | 330       | 0.51                          | 0.68                          |
| 391L                   | 390       | 0.69                          | 0.62                          |
| 471L                   | 470       | 0.98                          | 0.57                          |
| 561L                   | 560       | 1.10                          | 0.52                          |
| 681L                   | 680       | 1.20                          | 0.47                          |
| 821L                   | 820       | 1.30                          | 0.43                          |
| 102L                   | 1000      | 1.50                          | 0.39                          |

## PHYSICAL CHARACTERISTICS:

### AISR-01



### AISR-04



## TECHNICAL INFORMATION:

- Ordering Code: AISR-XXXX(size)-xxx(value)
- Tolerance: J=±5%, K=±10%, L=15%, M=±20%
- Letter suffix indicates standard tolerance
- Operating Temperature: -40°C to +85°C

**Note:** All specifications subject to change without notice.

