



HCM SERIES



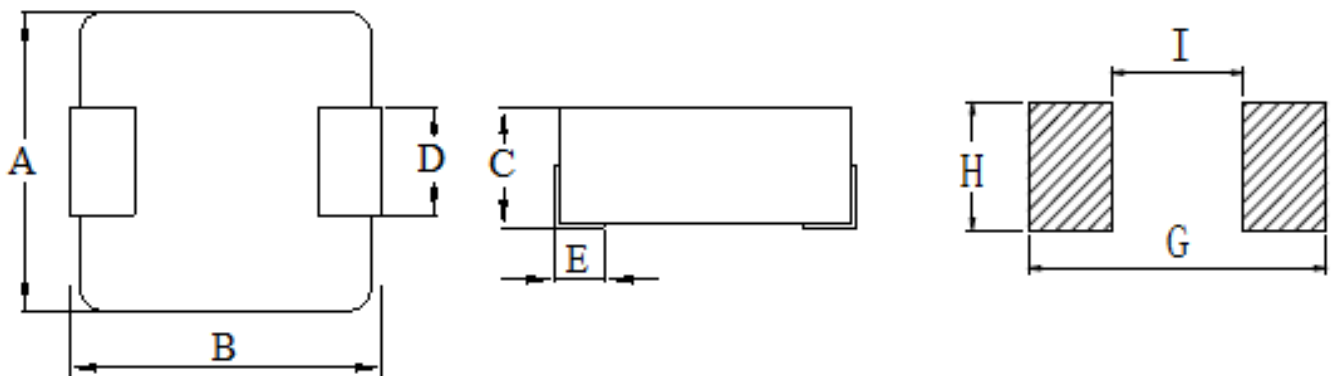
**FEATURES**

- Shielded construction
- Frequency range up to 1.0 MHz
- Lowest DCR/ $\mu\text{H}$ , in this package size
- Handles high transient current spikes without saturation
- Ultra low buzz noise, due to composite construction
- Compliant to RoHS Directive 2002/95/EC



**RoHS**  
COMPLIANT

**Mechanical dimension: Unit:mm**





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**Mechanical dimension and packing:**

| 尺寸    | A        | B        | C      | D         | E       | G       | H       | I       | Packing<br>(pcs/reel) |
|-------|----------|----------|--------|-----------|---------|---------|---------|---------|-----------------------|
| I0312 | 3.0±0.3  | 3.5±0.3  | 1.2MAX | 1.0±0.3   | 0.6±0.3 | 4.2REF  | 2.0REF  | 1.2REF  | 1500                  |
| I0315 | 3.0±0.3  | 3.5±0.3  | 1.5MAX | 1.0±0.3   | 0.6±0.3 | 4.2REF  | 2.0REF  | 1.2REF  | 1000                  |
| I0320 | 3.0±0.3  | 3.5±0.3  | 2.0MAX | 1.0±0.3   | 0.6±0.3 | 4.2REF  | 2.0REF  | 1.2REF  | 1000                  |
| I0412 | 4.0±0.3  | 4.5±0.3  | 1.2MAX | 1.5±0.3   | 0.8±0.3 | 5.0REF  | 2.3REF  | 1.7REF  | 1000                  |
| I0415 | 4.0±0.3  | 4.5±0.3  | 1.5MAX | 1.5±0.3   | 0.8±0.3 | 5.0REF  | 2.3REF  | 1.7REF  | 3000                  |
| I0420 | 4.0±0.3  | 4.5±0.3  | 2.0MAX | 1.5±0.3   | 0.8±0.3 | 5.0REF  | 2.3REF  | 1.7REF  | 3000                  |
| I0520 | 4.7±0.3  | 5.3±0.4  | 2.0MAX | 2.0±0.5   | 1.0±0.5 | 6.0REF  | 2.8REF  | 2.0REF  | 3000                  |
| I0530 | 4.7±0.3  | 5.3±0.4  | 3.0MAX | 2.0±0.5   | 1.0±0.5 | 6.0REF  | 2.8REF  | 2.0REF  | 2000                  |
| I0550 | 4.7±0.3  | 5.3±0.4  | 5.0MAX | 2.0±0.5   | 1.0±0.5 | 6.0REF  | 2.8REF  | 2.0REF  | 1500                  |
| IA620 | 6.0±0.3  | 6.5±0.5  | 2.0MAX | 2.5±0.5   | 1.3±0.5 | 7.2REF  | 3.2REF  | 3.0REF  | 2000                  |
| IA630 | 6.0±0.3  | 6.5±0.5  | 3.0MAX | 2.5±0.5   | 1.3±0.5 | 7.2REF  | 3.2REF  | 3.0REF  | 1000                  |
| IA640 | 6.0±0.3  | 6.5±0.5  | 4.0MAX | 2.5±0.5   | 1.3±0.5 | 7.2REF  | 3.2REF  | 3.0REF  | 1000                  |
| I0618 | 6.6±0.3  | 7.2±0.5  | 1.8MAX | 3.0±0.5   | 1.6±0.5 | 8.0REF  | 3.8REF  | 3.7REF  | 2000                  |
| I0620 | 6.6±0.3  | 7.2±0.5  | 2.0MAX | 3.0±0.5   | 1.6±0.5 | 8.0REF  | 3.8REF  | 3.7REF  | 2000                  |
| I0624 | 6.6±0.3  | 7.2±0.5  | 2.4MAX | 3.0±0.5   | 1.6±0.5 | 8.0REF  | 3.8REF  | 3.7REF  | 2000                  |
| I0630 | 6.6±0.3  | 7.2±0.5  | 3.0MAX | 3.0±0.5   | 1.6±0.5 | 8.0REF  | 3.8REF  | 3.7REF  | 1000                  |
| I0640 | 6.6±0.3  | 7.2±0.5  | 4.0MAX | 3.0±0.5   | 1.6±0.5 | 8.0REF  | 3.8REF  | 3.7REF  | 1000                  |
| I0650 | 6.6±0.3  | 7.2±0.5  | 5.0MAX | 3.0±0.5   | 1.6±0.5 | 8.0REF  | 3.8REF  | 3.7REF  | 1000                  |
| I0850 | 7.2±0.3  | 7.8±0.5  | 5.0MAX | 3.0±0.5   | 1.6±0.5 | 8.8REF  | 3.8REF  | 4.0REF  | 1000                  |
| I1040 | 10.0±0.5 | 11.5±1.0 | 4.0MAX | 3.0±0.5   | 2.2±0.5 | 13.0REF | 3.8REF  | 6.0REF  | 1000                  |
| I1045 | 10.0±0.5 | 11.5±1.0 | 4.5MAX | 3.0±0.5   | 2.2±0.5 | 13.0REF | 3.8REF  | 6.0REF  | 800                   |
| I1050 | 10.0±0.5 | 11.5±1.0 | 5.0MAX | 3.0±0.5   | 2.2±0.5 | 13.0REF | 3.8REF  | 6.0REF  | 800                   |
| I1235 | 12.8±0.5 | 13.5±1.0 | 4.0MAX | 3.8±0.5   | 2.5±0.5 | 14.5REF | 5.0REF  | 7.8REF  | 800                   |
| I1250 | 12.8±0.5 | 13.5±1.0 | 5.0MAX | 3.8±0.5   | 2.5±0.5 | 14.5REF | 5.0REF  | 7.8REF  | 500                   |
| I1265 | 12.8±0.5 | 13.5±1.0 | 6.5MAX | 3.8±0.5   | 2.5±0.5 | 14.5REF | 5.0REF  | 7.8REF  | 500                   |
| I1770 | 17.15MAX | 18.0±0.5 | 7.0MAX | 11.94±0.3 | 2.3±0.5 | 19.8REF | 13.0REF | 12.0REF | 250                   |
| 1770A | 17.15MAX | 18.0±0.5 | 7.0MAX | 11.94±0.3 | 2.3±0.5 | 19.8REF | 13.0REF | 12.0REF | 250                   |

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### Electrical Characteristics:

TEST CONDITION: AT 25°C: 100KHz/0.1V

| PART NO.     | L(0A)<br>(uH±20%)<br>(uH±30%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|--------------|-------------------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM0312-R68N | 0.68                          | 2.5               | 4.0               | 46.0            | 55.0           | IHLP1212ABERR68M11 |
| HCM0312-1R0N | 1.0                           | 2.0               | 3.2               | 68.0            | 85.0           | IHLP1212ABER1R0M11 |
| HCM0312-1R5N | 1.5                           | 1.8               | 2.8               | 105.0           | 135.0          |                    |
| HCM0312-2R2N | 2.2                           | 1.5               | 2.2               | 130.0           | 165.0          |                    |
| HCM0312-3R3N | 3.3                           | 1.0               | 1.8               | 215.0           | 260.0          |                    |
|              |                               |                   |                   |                 |                |                    |
| HCM0315-R22N | 0.22                          | 6.0               | 9.0               | 9.5             | 11.4           | IHLP1212AEERR22M11 |
| HCM0315-R33N | 0.33                          | 5.0               | 7.0               | 11.5            | 14.0           | IHLP1212AEERR33M11 |
| HCM0315-R47N | 0.47                          | 4.0               | 6.5               | 12.7            | 15.0           | IHLP1212AEERR47M11 |
| HCM0315-R56N | 0.56                          | 3.0               | 5.5               | 17.0            | 21.0           | IHLP1212AEERR56M11 |
| HCM0315-R68N | 0.68                          | 2.5               | 4.5               | 18.0            | 22.0           | IHLP1212AEERR68M11 |
| HCM0315-R82M | 0.82                          | 2.0               | 4.5               | 22.0            | 26.0           | IHLP1212AEERR82M11 |
| HCM0315-1R0M | 1.0                           | 1.5               | 3.5               | 29.0            | 34.0           | IHLP1212AEER1R0M11 |
| HCM0315-1R5M | 1.5                           | 1.0               | 3.0               | 40.0            | 46.0           |                    |
|              |                               |                   |                   |                 |                |                    |
| HCM0320-R22M | 0.22                          | 6.0               | 9.0               | 9.5             | 11.4           | IHLP1212BZERR22M11 |
| HCM0320-R33M | 0.33                          | 5.0               | 7.0               | 11.5            | 14.0           |                    |
| HCM0320-R56M | 0.56                          | 3.5               | 5.5               | 16.0            | 19.5           | IHLP1212BZERR56M11 |
| HCM0320-R68M | 0.68                          | 3.0               | 4.5               | 17.0            | 21.0           | IHLP1212BZERR68M11 |
| HCM0320-R88M | 0.88                          | 2.5               | 4.5               | 18.5            | 22.0           | IHLP1212BZERR88M11 |
| HCM0320-1R0M | 1.0                           | 2.0               | 3.5               | 20.0            | 24.0           | IHLP1212BZER1R0M11 |
| HCM0320-1R2M | 1.2                           | 1.5               | 3.5               | 23.0            | 27.0           | IHLP1212BZER1R2M11 |
| HCM0320-1R5M | 1.5                           | 1.5               | 3.0               | 28.5            | 32.0           | IHLP1212BZER1R5M11 |
| HCM0320-2R2M | 2.2                           | 1.0               | 2.5               | 43.0            | 50.0           |                    |
| HCM0320-3R3M | 3.3                           | 1.0               | 2.0               | 70.0            | 90.0           |                    |

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| PART NO.     | L(0A)<br>( $\mu\text{H}\pm 20\%$ ) | I <sub>rat</sub><br>(Amperes) | I <sub>sat</sub><br>(Amperes) | DCR<br>(m $\Omega$ )TYPE | DCR<br>(m $\Omega$ )MAX | VISHAY P/N         |
|--------------|------------------------------------|-------------------------------|-------------------------------|--------------------------|-------------------------|--------------------|
| HCM0412-R47M | 0.47                               | 4.5                           | 6.0                           | 24.0                     | 30.0                    | IHLP1616ABERR47M11 |
| HCM0412-R68M | 0.68                               | 3.5                           | 5.0                           | 36.0                     | 41.0                    |                    |
| HCM0412-1R0M | 1.0                                | 2.5                           | 5.0                           | 60.0                     | 79.0                    | IHLP1616ABER1R0M11 |
| HCM0412-1R5M | 1.5                                | 2.0                           | 3.5                           | 74.0                     | 80.0                    | IHLP1616ABER1R5M11 |
| HCM0412-2R2M | 2.2                                | 2.0                           | 3.0                           | 96.0                     | 110.0                   | IHLP1616ABER2R2M11 |
|              |                                    |                               |                               |                          |                         |                    |
| HCM0415-R47M | 0.47                               | 5.0                           | 9.0                           | 20.0                     | 27.0                    |                    |
| HCM0415-1R0M | 1.0                                | 4.0                           | 6.0                           | 39.0                     | 50.0                    |                    |
| HCM0415-1R5M | 1.5                                | 3.5                           | 5.5                           | 48.0                     | 63.0                    |                    |
| HCM0415-2R2M | 2.2                                | 2.5                           | 4.0                           | 67.0                     | 86.0                    |                    |
| HCM0415-3R3M | 3.3                                | 2.0                           | 3.5                           | 116.0                    | 156.0                   |                    |
|              |                                    |                               |                               |                          |                         |                    |
| HCM0420-R10M | 0.10                               | 12.0                          | 25.0                          | 5.5                      | 8.0                     | IHLP1616BZERR10M11 |
| HCM0420-R22M | 0.22                               | 10.0                          | 14.0                          | 6.3                      | 10.0                    | IHLP1616BZERR22M11 |
| HCM0420-R36M | 0.36                               | 8.0                           | 11.0                          | 8.6                      | 12.0                    |                    |
| HCM0420-R47M | 0.47                               | 7.0                           | 9.5                           | 11.0                     | 14.0                    | IHLP1616BZERR47M11 |
| HCM0420-R56M | 0.56                               | 6.5                           | 9.0                           | 13.0                     | 20.0                    |                    |
| HCM0420-1R0M | 1.0                                | 4.5                           | 7.0                           | 21.0                     | 28.0                    | IHLP1616BZER1R0M11 |
| HCM0420-1R2M | 1.2                                | 4.0                           | 7.0                           | 23.0                     | 32.0                    |                    |
| HCM0420-1R5M | 1.5                                | 4.0                           | 6.0                           | 28.0                     | 38.0                    | IHLP1616BZER1R5M11 |
| HCM0420-2R2M | 2.2                                | 3.0                           | 5.0                           | 42.0                     | 52.0                    | IHLP1616BZER2R2M11 |
| HCM0420-3R3M | 3.3                                | 2.5                           | 4.0                           | 60.0                     | 80.0                    |                    |
| HCM0420-4R7M | 4.7                                | 2.0                           | 3.0                           | 118.0                    | 150.0                   | IHLP1616BZER4R7M11 |
| HCM0420-5R6M | 5.6                                | 1.8                           | 2.0                           | 126.0                    | 150.0                   |                    |
| HCM0420-6R8M | 6.8                                | 1.8                           | 2.0                           | 130.0                    | 170.0                   |                    |
| HCM0420-100M | 10.0                               | 1.5                           | 2.0                           | 225.0                    | 280.0                   |                    |

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| PART NO.     | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|--------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM0515-1R0M | 1.0               | 4.0               | 6.0               | 31.0            | 40.0           |                    |
| HCM0515-1R5M | 1.5               | 3.8               | 5.8               | 49.0            | 68.0           |                    |
| HCM0515-2R2M | 2.2               | 3.5               | 5.5               | 62.0            | 85.0           |                    |
| HCM0515-3R3M | 3.3               | 3.5               | 4.5               | 93.0            | 120.0          |                    |
| HCM0515-4R7M | 4.7               | 2.0               | 3.0               | 156.0           | 200.0          |                    |
|              |                   |                   |                   |                 |                |                    |
| HCM0520-R47M | 0.47              | 8.0               | 12.5              | 10.5            | 15.0           | IHLP2020BZERR47M01 |
| HCM0520-R68M | 0.68              | 7.0               | 10.0              | 14.0            | 20.0           | IHLP2020BZERR68M01 |
| HCM0520-1R0M | 1.0               | 6.0               | 8.0               | 15.0            | 21.0           | IHLP2020BZER1R0M01 |
| HCM0520-1R2M | 1.2               | 5.0               | 8.0               | 17.0            | 27.0           |                    |
| HCM0520-1R5M | 1.5               | 4.0               | 6.0               | 20.0            | 26.0           |                    |
| HCM0520-2R2M | 2.2               | 3.5               | 6.0               | 32.0            | 42.0           | IHLP2020BZER2R2M01 |
| HCM0520-3R3M | 3.3               | 3.5               | 5.5               | 44.0            | 58.0           | IHLP2020BZER3R3M01 |
| HCM0520-4R7M | 4.7               | 3.2               | 4.5               | 68.0            | 90.0           | IHLP2020BZER4R7M01 |
| HCM0520-5R6M | 5.6               | 3.0               | 4.0               | 75.0            | 97.0           | IHLP2020BZER5R6M01 |
| HCM0520-6R8M | 6.8               | 2.0               | 3.5               | 96.0            | 130.0          | IHLP2020BZER6R8M01 |
| HCM0520-100M | 10.0              | 2.0               | 3.0               | 170.0           | 221.0          | IHLP2020BZER100M01 |
|              |                   |                   |                   |                 |                |                    |
| HCM0530-R68M | 0.68              | 8.5               | 14.0              | 11.0            | 12.0           |                    |
| HCM0530-1R0M | 1.0               | 7.0               | 11.0              | 13.0            | 14.0           | IHLP2020CZER1R0M11 |
| HCM0530-1R5M | 1.5               | 6.0               | 10.0              | 20.0            | 25.0           | IHLP2020CZER1R5M11 |
| HCM0530-2R2M | 2.2               | 5.5               | 9.0               | 26.0            | 38.0           | IHLP2020CZER2R2M11 |
| HCM0530-3R3M | 3.3               | 5.0               | 7.0               | 30.0            | 42.0           | IHLP2020CZER3R3M11 |
| HCM0530-4R7M | 4.7               | 4.0               | 6.0               | 46.0            | 60.0           | IHLP2020CZER4R7M11 |
| HCM0530-5R6M | 5.6               | 4.0               | 5.5               | 62.0            | 79.0           | IHLP2020CZER5R6M11 |
| HCM0530-6R8M | 6.8               | 3.0               | 5.0               | 66.0            | 86.0           |                    |
| HCM0530-100M | 10.0              | 2.0               | 4.0               | 115.0           | 150.0          | IHLP2020CZER100M11 |
|              |                   |                   |                   |                 |                |                    |
| HCM0550-100M | 10.0              | 2.5               | 4.5               | 80.0            | 103.0          |                    |
| HCM0550-150M | 15.0              | 2.0               | 4.0               | 140.0           | 180.0          |                    |
| HCM0550-220M | 22.0              | 1.5               | 2.5               | 180.0           | 230.0          |                    |
| HCM0550-330M | 33.0              | 1.5               | 2.0               | 345.0           | 445.0          |                    |
| HCM0550-470M | 47.0              | 1.0               | 2.0               | 404.0           | 527.0          |                    |
| HCM0550-560M | 56.0              | 0.8               | 1.0               | 456.0           | 600.0          |                    |

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|--------------|-------------------|-------------------|-------------------|-----------------|----------------|------------|
| HCMA620-1R0M | 1.0               | 6.0               | 8.0               | 14.0            | 20.0           |            |
| HCMA620-1R5M | 1.5               | 5.0               | 7.0               | 20.0            | 27.0           |            |
| HCMA620-2R2M | 2.2               | 4.0               | 6.0               | 27.0            | 35.0           |            |
| HCMA620-3R3M | 3.3               | 3.5               | 5.0               | 49.0            | 65.0           |            |
| HCMA620-4R7M | 4.7               | 3.0               | 4.5               | 65.0            | 90.0           |            |
| HCMA620-6R8M | 6.8               | 2.5               | 4.0               | 106.0           | 139.0          |            |
| HCMA620-100M | 10.0              | 2.0               | 3.5               | 180.0           | 240.0          |            |
|              |                   |                   |                   |                 |                |            |
| HCMA630-R68M | 0.68              | 11.0              | 16.0              | 12.0            | 16.0           |            |
| HCMA630-1R5M | 1.5               | 9.0               | 12.0              | 16.0            | 22.0           |            |
| HCMA630-2R2M | 2.2               | 8.0               | 11.0              | 17.0            | 20.0           |            |
| HCMA630-2R7M | 2.7               | 6.0               | 8.0               | 25.0            | 34.0           |            |
| HCMA630-3R3M | 3.3               | 5.0               | 7.0               | 32.0            | 45.0           |            |
| HCMA630-4R7M | 4.7               | 5.5               | 7.0               | 34.0            | 45.0           |            |
| HCMA630-5R6M | 5.6               | 4.0               | 6.0               | 54.0            | 70.0           |            |
| HCMA630-6R8M | 6.8               | 5.0               | 7.0               | 63.0            | 84.0           |            |
| HCMA630-100M | 10.0              | 4.0               | 6.0               | 75.0            | 100.0          |            |
|              |                   |                   |                   |                 |                |            |
| HCMA640-150M | 15.0              | 3.0               | 4.0               | 96.0            | 120.0          |            |
| HCMA640-180M | 18.0              | 2.0               | 3.0               | 120.0           | 160.0          |            |
| HCMA640-220M | 22.0              | 2.0               | 3.0               | 125.0           | 170.0          |            |
| HCMA640-470M | 47.0              | 1.5               | 2.0               | 260.0           | 345.0          |            |

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|---------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM0618-1R0M  | 1.0               | 7.0               | 14.0              | 22.0            | 25.0           | IHLP2525AHER1R0M01 |
| HCM0618-1R5M  | 1.5               | 5.5               | 12.0              | 32.0            | 36.0           | IHLP2525AHER1R5M01 |
| HCM0618-2R2M  | 2.2               | 4.0               | 11.0              | 41.0            | 46.0           | IHLP2525AHER2R2M01 |
| HCM0618-3R3M  | 3.3               | 3.5               | 8.0               | 71.0            | 80.0           | IHLP2525AHER3R3M01 |
| HCM0618-4R7M  | 4.7               | 3.5               | 5.0               | 75.0            | 100.0          | IHLP2525AHER4R7M01 |
| HCM0618-5R6M  | 5.6               | 2.8               | 3.8               | 99.0            | 120.0          |                    |
| HCM0618-6R8M  | 6.8               | 2.8               | 3.5               | 99.0            | 120.0          |                    |
|               |                   |                   |                   |                 |                |                    |
| HCM0620 -1R0M | 1.0               | 7.0               | 14.0              | 16.0            | 21.0           |                    |
| HCM0620 -1R5M | 1.5               | 7.0               | 10.0              | 17.0            | 22.0           |                    |
| HCM0620 -2R2M | 2.2               | 5.0               | 8.0               | 23.0            | 28.0           |                    |
| HCM0620 -3R3M | 3.3               | 4.0               | 7.0               | 31.0            | 39.0           |                    |
| HCM0620 -4R7M | 4.7               | 3.5               | 5.5               | 41.0            | 50.0           |                    |
| HCM0620 -5R6M | 5.6               | 3.0               | 4.5               | 87.0            | 115.0          |                    |
| HCM0620 -6R8M | 6.8               | 2.5               | 4.0               | 110.0           | 132.0          |                    |
| HCM0620 -8R2M | 8.2               | 2.2               | 3.5               | 168.0           | 217.0          |                    |
| HCM0620 -100M | 10.0              | 2.0               | 3.5               | 191.0           | 220.0          |                    |
|               |                   |                   |                   |                 |                |                    |
| HCM0624 -1R0M | 1.0               | 9.0               | 12.0              | 11.2            | 13.5           | IHLP2525BDER1R0M01 |
| HCM0624 -1R5M | 1.5               | 7.0               | 10.0              | 17.0            | 20.0           | IHLP2525BDER1R5M01 |
| HCM0624 -2R2M | 2.2               | 5.0               | 8.0               | 23.0            | 28.0           | IHLP2525BDER2R2M01 |
| HCM0624 -3R3M | 3.3               | 4.0               | 7.0               | 31.0            | 39.0           | IHLP2525BDER3R3M01 |
| HCM0624 -4R7M | 4.7               | 3.5               | 5.5               | 41.0            | 50.0           | IHLP2525BDER4R7M01 |
| HCM0624 -100M | 10.0              | 2.0               | 3.5               | 91.0            | 120.0          | IHLP2525BDER100M01 |

## 一體成型貼片電感



## HCM SERIES

## Electrical Characteristics:

TEST CONDITION: AT 25°C: 100KHz/0.1V

| PART NO.      | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|---------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM0630-R10M  | 0.10              | 32.5              | 60.0              | 1.5             | 1.7            | IHLP2525CZERR10M01 |
| HCM0630-R15M  | 0.15              | 26.0              | 52.0              | 1.9             | 2.5            | IHLP2525CZERR15M01 |
| HCM0630-R20M  | 0.20              | 24.0              | 41.0              | 2.4             | 3.0            | IHLP2525CZERR20M01 |
| HCM0630-R22M  | 0.22              | 23.0              | 40.0              | 2.5             | 3.0            | IHLP2525CZERR22M01 |
| HCM0630-R33M  | 0.33              | 20.0              | 30.0              | 3.5             | 4.0            | IHLP2525CZERR33M01 |
| HCM0630-R47M  | 0.47              | 17.5              | 26.0              | 4.0             | 4.5            | IHLP2525CZERR47M01 |
| HCM0630-R68M  | 0.68              | 15.5              | 25.0              | 5.0             | 5.5            | IHLP2525CZERR68M01 |
| HCM0630-R82M  | 0.82              | 13.0              | 24.0              | 6.7             | 8.0            | IHLP2525CZERR82M01 |
| HCM0630-1R0M  | 1.0               | 11.0              | 22.0              | 9.0             | 10.0           | IHLP2525CZER1R0M01 |
| HCM0630-1R5M  | 1.5               | 9.0               | 18.0              | 14.0            | 15.5           | IHLP2525CZER1R5M01 |
| HCM0630-2R2M  | 2.2               | 8.0               | 14.0              | 18.0            | 20.0           | IHLP2525CZER2R2M01 |
| HCM0630-3R3M  | 3.3               | 6.0               | 13.5              | 28.0            | 32.0           | IHLP2525CZER3R3M01 |
| HCM0630-4R7M  | 4.7               | 5.5               | 10.0              | 37.0            | 40.0           | IHLP2525CZER4R7M01 |
| HCM0630-5R6M  | 5.6               | 5.0               | 8.0               | 47.0            | 60.0           |                    |
| HCM0630-6R8M  | 6.8               | 4.5               | 8.0               | 54.0            | 60.0           | IHLP2525CZER6R8M01 |
| HCM0630-8R2M  | 8.2               | 4.0               | 7.5               | 64.0            | 68.0           | IHLP2525CZER8R2M01 |
| HCM0630-100M  | 10.0              | 3.0               | 7.0               | 102.0           | 105.0          | IHLP2525CZER100M01 |
|               |                   |                   |                   |                 |                |                    |
| HCM0630A-1R0M | 1.0               | 12.5              | 9.5               | 7.6             | 8.5            | IHLP2525CZER1R0M11 |
| HCM0630A-1R5M | 1.5               | 10.5              | 8.0               | 11.7            | 13.5           |                    |
| HCM0630A-2R2M | 2.2               | 9.0               | 7.0               | 15.7            | 17.0           | IHLP2525CZER2R2M11 |
| HCM0630A-3R3M | 3.3               | 7.0               | 6.5               | 24.8            | 26.8           | IHLP2525CZER3R3M11 |
| HCM0630A-4R7M | 4.7               | 6.0               | 4.0               | 31.8            | 34.0           | IHLP2525CZER4R7M11 |
| HCM0630A-6R8M | 6.8               | 5.5               | 4.0               | 44.8            | 46.8           | IHLP2525CZER6R8M11 |
| HCM0630A-8R2M | 8.2               | 5.0               | 4.0               | 52.3            | 57.0           | IHLP2525CZER8R2M11 |
| HCM0630A-100M | 10.0              | 4.0               | 3.5               | 67.8            | 72.0           | IHLP2525CZER100M11 |
| HCM0635A-220M | 22.0              | 2.9               | 2.5               | 128.9           | 135.0          | IHLP2525CZER220M11 |



## 一體成型貼片電感



## HCM SERIES

**Electrical Characteristics:****TEST CONDITION: AT 25°C: 100KHz/0.1V**

| PART NO.      | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N |
|---------------|-------------------|-------------------|-------------------|-----------------|----------------|------------|
| HCM0640-R33M  | 0.33              | 20.0              | 30.0              | 2.0             | 2.5            |            |
| HCM0640-R56M  | 0.56              | 17.0              | 25.0              | 3.6             | 4.5            |            |
| HCM0640-R68M  | 0.68              | 13.0              | 15.0              | 3.8             | 4.5            |            |
| HCM0640-1R5M  | 1.5               | 10.0              | 19.0              | 13.5            | 16.0           |            |
| HCM0640-2R2M  | 2.2               | 8.5               | 16.0              | 15.0            | 18.0           |            |
| HCM0640-3R3M  | 3.3               | 7.0               | 13.0              | 21.0            | 25.0           |            |
| HCM0640-4R7M  | 4.7               | 6.0               | 10.0              | 23.0            | 30.0           |            |
| HCM0650 -R36M | 0.36              | 21.0              | 25.0              | 3.2             | 3.5            |            |
| HCM0650 -R56M | 0.56              | 20.0              | 18.0              | 3.4             | 3.6            |            |
| HCM0650 -R68M | 0.68              | 18.0              | 17.0              | 3.9             | 4.2            |            |
| HCM0650 -R82M | 0.82              | 16.5              | 16.0              | 4.6             | 4.9            |            |
| HCM0650 -1R0M | 1.0               | 13.0              | 15.0              | 5.6             | 6.5            |            |
| HCM0650 -1R5M | 1.5               | 8.0               | 14.0              | 8.5             | 12.0           |            |
| HCM0650 -2R2M | 2.2               | 8.0               | 12.0              | 11.2            | 12.5           |            |
| HCM0650 -3R3M | 3.3               | 7.0               | 8.0               | 19.9            | 20.9           |            |
| HCM0650- 4R7M | 4.7               | 6.5               | 7.0               | 23.0            | 25.0           |            |
| HCM0650 -6R8M | 6.8               | 5.0               | 9.0               | 33.0            | 45.0           |            |
| HCM0650-100M  | 10.0              | 4.0               | 5.3               | 61.0            | 80.0           |            |
| HCM0650-150M  | 15.0              | 2.5               | 4.0               | 90.0            | 120.0          |            |
| HCM0650 -220M | 22.0              | 2.2               | 4.0               | 108.0           | 140.0          |            |
| HCM0650 -330M | 33.0              | 2.0               | 4.0               | 160.0           | 210.0          |            |
| HCM0650 -470M | 47.0              | 2.0               | 3.0               | 192.0           | 247.0          |            |

**Electrical Characteristics:****TEST CONDITION: AT 25°C: 100KHz/0.1V**

| PART NO.      | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N |
|---------------|-------------------|-------------------|-------------------|-----------------|----------------|------------|
| HCM0850 -2R2M | 2.2               | 9.0               | 14.0              | 10.0            | 12.0           |            |
| HCM0850 -6R8M | 6.8               | 5.5               | 8.0               | 23.0            | 30.0           |            |
| HCM0850 -100M | 10.0              | 4.8               | 7.0               | 37.0            | 65.0           |            |
| HCM0850 -220M | 22.0              | 3.0               | 5.0               | 107.0           | 140.0          |            |
| HCM0850 -270M | 27.0              | 3.0               | 4.5               | 140.0           | 182.0          |            |
| HCM0850 -330M | 33.0              | 2.0               | 4.0               | 194.0           | 237.0          |            |
| HCM0850 -470M | 47.0              | 2.0               | 3.0               | 206.0           | 247.0          |            |
| HCM0850-560M  | 56.0              | 1.8               | 3.0               | 240.0           | 310.0          |            |

# 一體成型貼片電感



## HCM SERIES

### Electrical Characteristics:

TEST CONDITION: AT 25°C: 100KHz/0.1V

| PART NO.     | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|--------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM1040-R36M | 0.36              | 30.0              | 50.0              | 1.05            | 1.2            | IHLP4040DZERR36M11 |
| HCM1040-R47M | 0.47              | 25.0              | 37.0              | 1.2             | 1.8            | IHLP4040DZERR47M11 |
| HCM1040-R56M | 0.56              | 25.0              | 33.0              | 1.6             | 2.3            | IHLP4040DZERR56M11 |
| HCM1040-R68M | 0.68              | 18.0              | 30.0              | 2.0             | 3.0            |                    |
| HCM1040-1R0M | 1.0               | 18.0              | 28.0              | 3.0             | 3.5            | IHLP4040DZER1R0M11 |
| HCM1040-1R5M | 1.5               | 16.0              | 25.0              | 5.0             | 5.8            |                    |
| HCM1040-2R2M | 2.2               | 12.0              | 18.0              | 7.0             | 9.0            |                    |
| HCM1040-3R3M | 3.3               | 10.0              | 14.0              | 10.8            | 12.8           |                    |
| HCM1040-4R7M | 4.7               | 8.0               | 14.0              | 15.0            | 18.0           | IHLP4040DZER4R7M11 |
| HCM1040-5R6M | 5.6               | 7.5               | 14.0              | 20.0            | 23.0           |                    |
| HCM1040-6R8M | 6.8               | 6.5               | 9.0               | 22.5            | 25.0           | IHLP4040DZER6R8M11 |
| HCM1040-100M | 10.0              | 6.0               | 8.0               | 27.5            | 35.0           | IHLP4040DZER100M11 |
| HCM1040-150M | 15.0              | 3.6               | 6.0               | 53.0            | 70.0           | IHLP4040DZER150M11 |
| HCM1040-220M | 22.0              | 4.0               | 6.0               | 73.0            | 92.0           | IHLP4040DZER220M11 |
| HCM1040-330M | 33.0              | 3.0               | 5.0               | 136.0           | 177.0          | IHLP4040DZER330M11 |
| HCM1040-470M | 47.0              | 3.0               | 4.5               | 145.0           | 180.0          | IHLP4040DZER470M11 |
| HCM1040-101M | 100.0             | 2.5               | 2.25              | 249.0           | 270.0          | IHLP4040DZER101M11 |
|              |                   |                   |                   |                 |                |                    |
| HCM1045-1R0M | 1.0               | 22.0              | 34.0              | 2.7             | 3.2            |                    |
| HCM1045-2R2M | 2.2               | 14.0              | 16.0              | 5.8             | 7.0            |                    |
| HCM1045-3R3M | 3.3               | 11.0              | 14.5              | 11.0            | 13.2           |                    |
| HCM1045-4R7M | 4.7               | 10.0              | 13.0              | 13.2            | 15.0           |                    |
| HCM1045-5R6M | 5.6               | 8.5               | 10.5              | 16.0            | 18.5           |                    |
| HCM1045-6R8M | 6.8               | 7.5               | 9.5               | 21.5            | 24.0           |                    |
| HCM1045-330M | 33.0              | 3.0               | 5.0               | 77.0            | 101.0          |                    |
| HCM1045-470M | 47.0              | 3.0               | 4.0               | 160.0           | 210.0          |                    |
|              |                   |                   |                   |                 |                |                    |
| HCM1050-5R2M | 5.2               | 5.5               | 10.0              | 16.0            | 21.0           |                    |
| HCM1050-150M | 15.0              | 3.6               | 6.0               | 39.0            | 52.0           |                    |
| HCM1050-220M | 22.0              | 4.0               | 6.0               | 73.0            | 92.0           |                    |
| HCM1050-330M | 33.0              | 3.0               | 5.0               | 107.0           | 120.0          |                    |
| HCM1050-470M | 47.0              | 3.0               | 4.0               | 160.0           | 210.0          |                    |
| HCM1050-680M | 68.0              | 3.0               | 4.0               | 240.0           | 300.0          |                    |
| HCM1050-101M | 100.0             | 2.0               | 3.0               | 320.0           | 400.0          |                    |

# 一體成型貼片電感



## HCM SERIES

### Electrical Characteristics:

TEST CONDITION: AT 25°C: 100KHz/0.1V

| PART NO.     | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|--------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM1235-R22M | 0.22              | 38.0              | 65.0              | 1.1             | 1.3            | IHLP5050CEERR22M01 |
| HCM1235-R33M | 0.33              | 36.5              | 62.0              | 1.3             | 1.5            | IHLP5050CEERR33M01 |
| HCM1235-R39M | 0.39              | 34.0              | 60.0              | 1.1             | 1.3            |                    |
| HCM1235-R47M | 0.47              | 32.0              | 55.0              | 1.7             | 2.0            | IHLP5050CEERR47M01 |
| HCM1235-R56M | 0.56              | 29.0              | 51.0              | 1.8             | 2.2            |                    |
| HCM1235-R62M | 0.62              | 29.0              | 51.0              | 1.8             | 2.2            | IHLP5050CEERR60M01 |
| HCM1235-R68M | 0.68              | 28.0              | 49.0              | 2.3             | 2.5            | IHLP5050CEERR68M01 |
| HCM1235-1R0M | 1.0               | 24.0              | 40.0              | 3.3             | 3.5            | IHLP5050CEER1R0M01 |
| HCM1235-1R5M | 1.5               | 19.0              | 35.0              | 5.1             | 5.5            | IHLP5050CEER1R5M01 |
| HCM1235-2R2M | 2.2               | 16.0              | 29.0              | 7.2             | 8.0            | IHLP5050CEER2R2M01 |
| HCM1235-3R3M | 3.3               | 12.0              | 27.0              | 10.0            | 12.0           | IHLP5050CEER3R3M01 |
| HCM1235-4R7M | 4.7               | 11.0              | 20.0              | 17.0            | 26.0           | IHLP5050CEER4R7M01 |
|              |                   |                   |                   |                 |                |                    |
| HCM1250-R22M | 0.22              | 51.0              | 110.0             | 0.64            | 0.8            |                    |
| HCM1250-R33M | 0.33              | 42.0              | 80.0              | 0.85            | 1.1            |                    |
| HCM1250-R36M | 0.36              | 41.0              | 75.0              | 0.77            | 1.1            |                    |
| HCM1250-R47M | 0.47              | 38.0              | 65.0              | 1.1             | 1.3            | IHLP5050EZERR47M01 |
| HCM1250-R56M | 0.56              | 36.0              | 55.0              | 1.2             | 1.5            | IHLP5050EZERR56M01 |
| HCM1250-R68M | 0.62              | 34.0              | 54.0              | 1.5             | 1.7            | IHLP5050EZERR68M01 |
| HCM1250-R82M | 0.82              | 31.0              | 53.0              | 1.8             | 2.1            | IHLP5050EZERR82M01 |
| HCM1250-1R0M | 1.0               | 29.0              | 50.0              | 2.1             | 2.5            | IHLP5050EZER1R0M01 |
| HCM1250-1R2M | 1.2               | 25.0              | 49.0              | 2.6             | 3.0            |                    |
| HCM1250-1R5M | 1.5               | 23.0              | 48.0              | 3.4             | 4.1            | IHLP5050EZER1R5M01 |
| HCM1250-2R2M | 2.2               | 20.0              | 32.0              | 4.6             | 5.5            | IHLP5050EZER2R2M01 |
| HCM1250-3R3M | 3.3               | 15.0              | 32.0              | 7.7             | 9.2            | IHLP5050EZER3R3M01 |
| HCM1250-4R7M | 4.7               | 12.0              | 27.0              | 12.8            | 15.0           | IHLP5050EZER4R7M01 |
| HCM1250-6R8M | 6.8               | 11.0              | 21.0              | 15.4            | 18.5           | IHLP5050EZER6R8M01 |
| HCM1250-100M | 10.0              | 7.0               | 11.0              | 21.0            | 28.0           | IHLP5050EZER100M01 |
| HCM1250-150M | 15.0              | 6.0               | 9.0               | 32.0            | 41.0           |                    |
| HCM1250-220M | 22.0              | 4.0               | 6.0               | 51.0            | 66.0           |                    |
| HCM1250-330M | 33.0              | 4.0               | 6.0               | 65.0            | 84.0           |                    |
| HCM1250-470M | 47.0              | 3.0               | 5.0               | 85.0            | 110.0          |                    |
| HCM1250-560M | 56.0              | 2.0               | 4.0               | 143.0           | 190.0          |                    |
| HCM1250-680M | 68.0              | 1.5               | 3.5               | 154.0           | 200.0          |                    |

## 一體成型貼片電感



## HCM SERIES

**Electrical Characteristics:****TEST CONDITION: AT 25°C: 100KHz/0.1V**

| PART NO.     | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|--------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM1265-R10M | 0.10              | 60.0              | 120.0             | 0.47            | 0.52           | HLP5050FDERR10M01  |
| HCM1265-R15M | 0.15              | 55.0              | 118.0             | 0.53            | 0.6            | HLP5050FDERR15M01  |
| HCM1265-R22M | 0.22              | 38.0              | 65.0              | 1.10            | 1.3            | IHLP5050FDERR22M01 |
| HCM1265-R30M | 0.30              | 48.0              | 72.0              | 0.70            | 0.8            | HLP5050FDERR30M01  |
| HCM1265-R33M | 0.33              | 36.5              | 62.0              | 1.30            | 1.5            | IHLP5050FDERR33M01 |
| HCM1265-R36M | 0.36              | 34.0              | 60.0              | 1.10            | 1.3            |                    |
| HCM1265-R40M | 0.40              | 44.0              | 64.0              | 0.90            | 1.0            | HLP5050FDERR40M01  |
| HCM1265-R47M | 0.47              | 41.0              | 63.0              | 1.00            | 1.2            | HLP5050FDERR47M01  |
| HCM1265-R56M | 0.56              | 37.0              | 62.0              | 1.20            | 1.4            | HLP5050FDERR56M01  |
| HCM1265-R68M | 0.68              | 35.0              | 60.0              | 1.40            | 1.6            | HLP5050FDERR68M01  |
| HCM1265-R80M | 0.80              | 32.0              | 55.0              | 1.70            | 2.0            |                    |
| HCM1265-R82M | 0.82              | 33.0              | 50.0              | 1.60            | 1.9            | HLP5050FDERR82M01  |
| HCM1265-1R0M | 1.0               | 32.0              | 49.0              | 1.70            | 2.0            | HLP5050FDER1R0M01  |
| HCM1265-1R2M | 1.2               | 30.0              | 48.0              | 2.10            | 2.5            | HLP5050FDER1R2M01  |
| HCM1265-1R5M | 1.5               | 27.0              | 45.0              | 2.50            | 3.0            | HLP5050FDER1R5M01  |
| HCM1265-1R8M | 1.8               | 24.0              | 41.0              | 2.80            | 3.2            | HLP5050FDER1R8M01  |
| HCM1265-2R2M | 2.2               | 17.0              | 26.0              | 4.70            | 6.1            | IHLP5050FDER2R2M01 |
| HCM1265-3R3M | 3.3               | 15.0              | 27.0              | 5.90            | 7.1            | IHLP5050FDER3R3M01 |
| HCM1265-4R7M | 4.7               | 13.5              | 30.0              | 9.30            | 11.2           | HLP5050FDER4R7M01  |
| HCM1265-5R6M | 5.6               | 12.0              | 24.0              | 9.00            | 12.0           | IHLP5050FDER5R6M01 |
| HCM1265-6R8M | 6.8               | 11.5              | 16.5              | 13.1            | 14.0           | HLP5050FDER6R8M01  |
| HCM1265-7R8M | 7.8               | 10.0              | 17.0              | 13.5            | 17.0           |                    |
| HCM1265-8R2M | 8.2               | 10.5              | 16.0              | 14.5            | 15.5           | HLP5050FDER8R2M01  |
| HCM1265-100M | 10.0              | 8.0               | 12.0              | 15.0            | 18.0           | IHLP5050FDER100M01 |
| HCM1265-150M | 15.0              | 6.0               | 9.0               | 30.5            | 38.0           |                    |
| HCM1265-180M | 18.0              | 7.0               | 9.5               | 28.0            | 31.0           |                    |
| HCM1265-220M | 22.0              | 5.0               | 8.0               | 33.5            | 36.0           |                    |
| HCM1265-330M | 33.0              | 4.0               | 6.0               | 48.0            | 57.0           |                    |
| HCM1265-470M | 47.0              | 3.5               | 5.0               | 57.5            | 75.0           |                    |
| HCM1265-560M | 56.0              | 3.2               | 4.5               | 74.0            | 95.0           |                    |
| HCM1265-680M | 68.0              | 3.0               | 4.0               | 113.0           | 148.0          |                    |
| HCM1265-101M | 100.0             | 2.5               | 3.8               | 240.0           | 310.0          |                    |
| HCM1265-151M | 150.0             | 2.0               | 3.5               | 282.0           | 340.0          |                    |

# 一體成型貼片電感



## HCM SERIES

### Electrical Characteristics:

TEST CONDITION: AT 25°C: 100KHz/0.1V

| PART NO.      | L(0A)<br>(uH±20%) | Irat<br>(Amperes) | Isat<br>(Amperes) | DCR<br>(mΩ)TYPE | DCR<br>(mΩ)MAX | VISHAY P/N         |
|---------------|-------------------|-------------------|-------------------|-----------------|----------------|--------------------|
| HCM1770-R33M  | 0.33              | 75.5              | 55.0              | 0.61            | 0.67           | IHLP6767GZERR33M11 |
| HCM1770-R47M  | 0.47              | 64.5              | 62.0              | 0.78            | 0.87           | IHLP6767GZERR47M11 |
| HCM1770-R56M  | 0.56              | 61.0              | 66.0              | 0.83            | 0.91           | IHLP6767GZERR56M11 |
| HCM1770-R82M  | 0.82              | 56.5              | 45.0              | 0.98            | 1.08           | IHLP6767GZERR82M11 |
| HCM1770-1R0M  | 1.0               | 55.5              | 32.0              | 1.21            | 1.27           | IHLP6767GZER1R0M11 |
| HCM1770-1R5M  | 1.5               | 48.0              | 31.0              | 1.54            | 1.62           | IHLP6767GZER1R5M11 |
| HCM1770-2R2M  | 2.2               | 43.5              | 28.0              | 1.85            | 1.98           | IHLP6767GZER2R2M11 |
| HCM1770-3R3M  | 3.3               | 35.0              | 27.0              | 2.79            | 2.93           | IHLP6767GZER3R3M11 |
| HCM1770-4R7M  | 4.7               | 30.0              | 21.0              | 3.98            | 4.18           | IHLP6767GZER4R7M11 |
| HCM1770-5R6M  | 5.6               | 28.0              | 21.0              | 4.23            | 4.44           | IHLP6767GZER5R6M11 |
| HCM1770-6R8M  | 6.8               | 22.5              | 18.5              | 5.86            | 6.15           | IHLP6767GZER6R8M11 |
| HCM1770-8R2M  | 8.2               | 21.0              | 18.0              | 7.71            | 8.10           | IHLP6767GZER8R2M11 |
| HCM1770-100M  | 10.0              | 19.0              | 17.0              | 8.89            | 9.33           | IHLP6767GZER100M11 |
| HCM1770-150M  | 15.0              | 14.0              | 12.0              | 13.7            | 14.4           | IHLP6767GZER150M11 |
| HCM1770-220M  | 22.0              | 12.0              | 9.5               | 20.0            | 21.0           | IHLP6767GZER220M11 |
| HCM1770-330M  | 33.0              | 10.7              | 9.0               | 35.1            | 37.0           | IHLP6767GZER330M11 |
| HCM1770-470M  | 47.0              | 8.7               | 8.6               | 40.7            | 42.7           | IHLP6767GZER470M11 |
| HCM1770-560M  | 56.0              | 7.2               | 4.2               | 55.0            | 57.8           | IHLP6767GZER560M11 |
| HCM1770-680M  | 68.0              | 6.1               | 4.5               | 72.1            | 75.7           | IHLP6767GZER680M11 |
| HCM1770-820M  | 82.0              | 5.5               | 4.5               | 87.3            | 91.7           | IHLP6767GZER820M11 |
| HCM1770-101M  | 100.0             | 5.0               | 4.0               | 105.0           | 110.0          | IHLP6767GZER101M11 |
|               |                   |                   |                   |                 |                |                    |
| HCM1770A-R22M | 0.22              | 80.0              | 129.0             | 0.63            | 0.70           | IHLP6767GZERR22M01 |
| HCM1770A-R33M | 0.33              | 65.0              | 126.0             | 0.71            | 0.79           | IHLP6767GZERR33M01 |
| HCM1770A-R47M | 0.47              | 62.0              | 123.0             | 0.84            | 0.92           | IHLP6767GZERR47M01 |
| HCM1770A-R56M | 0.56              | 56.0              | 88.0              | 0.91            | 1.00           | IHLP6767GZERR56M01 |
| HCM1770A-R82M | 0.82              | 50.0              | 73.0              | 1.17            | 1.29           | IHLP6767GZERR82M01 |
| HCM1770A-1R0M | 1.0               | 48.0              | 73.0              | 1.28            | 1.35           | IHLP6767GZER1R0M01 |
| HCM1770A-1R5M | 1.5               | 42.0              | 65.0              | 1.78            | 1.88           | IHLP6767GZER1R5M01 |
| HCM1770A-1R8M | 1.8               | 38.0              | 65.0              | 1.96            | 2.07           |                    |
| HCM1770A-2R2M | 2.2               | 35.0              | 62.0              | 2.40            | 2.53           | IHLP6767GZER2R2M01 |
| HCM1770A-3R3M | 3.3               | 28.0              | 54.0              | 3.68            | 3.88           | IHLP6767GZER3R3M01 |
| HCM1770A-4R7M | 4.7               | 25.0              | 41.0              | 4.84            | 5.11           | IHLP6767GZER4R7M01 |
| HCM1770A-5R6M | 5.6               | 21.0              | 40.0              | 6.68            | 7.05           | IHLP6767GZER5R6M01 |
| HCM1770A-6R8M | 6.8               | 19.0              | 32.0              | 8.40            | 8.83           | IHLP6767GZER6R8M01 |
| HCM1770A-8R2M | 8.2               | 18.0              | 25.0              | 10.10           | 10.66          | IHLP6767GZER8R2M01 |
| HCM1770A-100M | 10.0              | 16.5              | 25.0              | 11.60           | 12.00          | IHLP6767GZER100M01 |
| HCM1770A-150M | 15.0              | 12.5              | 25.0              | 18.80           | 19.90          | IHLP6767GZER150M01 |
| HCM1770A-220M | 22.0              | 11.0              | 23.0              | 25.10           | 26.50          | IHLP6767GZER220M01 |