



**EN:** This Datasheet is presented by the manufacturer.

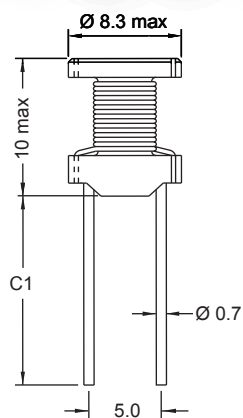
Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).

# 07 HCP, 07 HCP/T

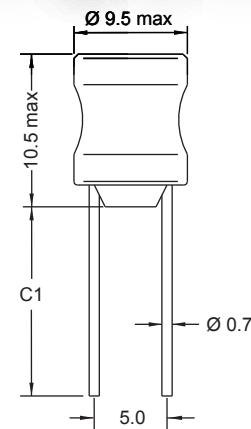
For High Currents



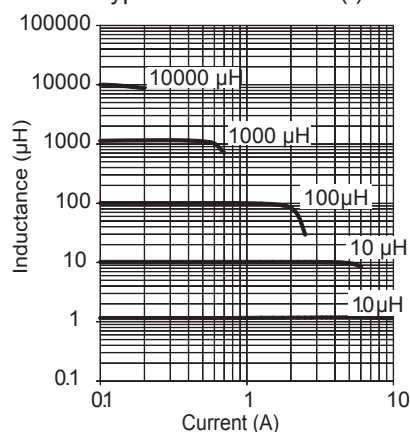
| Packing            | C1   |
|--------------------|------|
| Loose / Box [-50]  | 13.0 |
| Taped / Reel [-51] | 26.0 |



07 HCP

07 HCP/T  
(With Tube)

Typical Ls vs Current (I)



| Part No         | Inductance<br>L (µH) | f <sub>L</sub><br>(kHz) | Tol.<br>± (%) | DCR<br>max<br>(Ω) | Rated DC<br>Current (A) |                      |
|-----------------|----------------------|-------------------------|---------------|-------------------|-------------------------|----------------------|
|                 |                      |                         |               |                   | I <sub>N</sub> max      | I <sub>sat</sub> typ |
| * 07HCP-1R0M-YY | 1.0                  | 1 @ 0.25V               | 20            | 0.007             | 7.50                    | 10.0                 |
| * 07HCP-2R2M-YY | 2.2                  | 1 @ 0.25V               | 20            | 0.010             | 6.00                    | 8.00                 |
| * 07HCP-3R3M-YY | 3.3                  | 1 @ 0.25V               | 20            | 0.013             | 5.00                    | 6.30                 |
| 07HCP-4R7M-YY   | 4.7                  | 1 @ 0.25V               | 20            | 0.018             | 4.00                    | 5.40                 |
| * 07HCP-6R8M-YY | 6.8                  | 1 @ 0.25V               | 20            | 0.025             | 3.80                    | 6.50                 |
| * 07HCP-7R5M-YY | 7.5                  | 1 @ 0.25V               | 20            | 0.030             | 3.00                    | 5.00                 |
| 07HCP-100M-YY   | 10                   | 1 @ 0.25V               | 20            | 0.040             | 2.60                    | 5.00                 |
| 07HCP-220X-YY   | 22                   | 1 @ 0.25V               | 10,20         | 0.055             | 2.30                    | 3.60                 |
| 07HCP-330X-YY   | 33                   | 1 @ 0.25V               | 10,20         | 0.10              | 1.50                    | 2.50                 |
| 07HCP-470X-YY   | 47                   | 1 @ 0.25V               | 10,20         | 0.10              | 1.30                    | 2.50                 |
| 07HCP-680X-YY   | 68                   | 1 @ 0.25V               | 10,20         | 0.14              | 1.10                    | 2.10                 |
| 07HCP-820X-YY   | 82                   | 1 @ 0.25V               | 10,20         | 0.16              | 1.00                    | 1.90                 |
| 07HCP-101X-YY   | 100                  | 1 @ 0.25V               | 10,20         | 0.19              | 0.90                    | 1.60                 |
| 07HCP-121X-YY   | 120                  | 1 @ 0.25V               | 10,20         | 0.22              | 0.85                    | 1.20                 |
| 07HCP-151X-YY   | 150                  | 1 @ 0.25V               | 10,20         | 0.36              | 0.85                    | 1.20                 |
| 07HCP-221X-YY   | 220                  | 1 @ 0.25V               | 10,20         | 0.38              | 0.64                    | 1.20                 |
| 07HCP-271X-YY   | 270                  | 1 @ 0.25V               | 10,20         | 0.70              | 0.64                    | 0.95                 |
| 07HCP-331X-YY   | 330                  | 1 @ 0.25V               | 10,20         | 0.70              | 0.51                    | 0.95                 |
| 07HCP-391X-YY   | 390                  | 1 @ 0.25V               | 10,20         | 0.89              | 0.50                    | 0.80                 |
| 07HCP-471X-YY   | 470                  | 1 @ 0.25V               | 10,20         | 0.89              | 0.43                    | 0.80                 |
| 07HCP-681X-YY   | 680                  | 1 @ 0.25V               | 10,20         | 1.43              | 0.43                    | 0.70                 |
| 07HCP-821X-YY   | 820                  | 1 @ 0.25V               | 10,20         | 1.56              | 0.36                    | 0.70                 |
| 07HCP-102X-YY   | 1000                 | 1 @ 0.25V               | 10,20         | 1.95              | 0.30                    | 0.50                 |
| 07HCP-122X-YY   | 1200                 | 1 @ 0.25V               | 10,20         | 2.90              | 0.30                    | 0.39                 |
| 07HCP-152X-YY   | 1500                 | 1 @ 0.25V               | 10,20         | 3.30              | 0.30                    | 0.30                 |
| 07HCP-182X-YY   | 1800                 | 1 @ 0.25V               | 10,20         | 3.30              | 0.21                    | 0.35                 |
| 07HCP-222X-YY   | 2200                 | 1 @ 0.25V               | 10,20         | 5.30              | 0.19                    | 0.25                 |
| 07HCP-272X-YY   | 2700                 | 1 @ 0.25V               | 10,20         | 6.80              | 0.24                    | 0.17                 |
| 07HCP-332X-YY   | 3300                 | 1 @ 0.25V               | 10,20         | 9.30              | 0.14                    | 0.22                 |
| 07HCP-402X-YY   | 4000                 | 1 @ 0.25V               | 10,20         | 10.30             | 0.14                    | 0.22                 |
| 07HCP-472X-YY   | 4700                 | 1 @ 0.25V               | 10,20         | 16.50             | 0.14                    | 0.17                 |
| 07HCP-103X-YY   | 10000                | 1 @ 0.25V               | 10,20         | 24.00             | 0.14                    | 0.17                 |

Core Material : Ferrite

Revision date : 22 Feb 2017

| SPQ : | Packing Form | Loose / Box | Taped / Reel |
|-------|--------------|-------------|--------------|
|       | Radial       | 500 [-50]   | 500 [-51]    |

Remarks: - Also available with shorter leads.

- All 07HCP, 07HCP/T are specified for 150°C except the models with \*, which are specified for 125°C.