



### ◆MAJOR USES

- Output choke coils for Switching Mode Power Supply
- Choke coils for DC-DC converter
- Normal mode choke coils for noise control

### ◆FEATURES

- Miniaturization in comparison with CM series coils by about 30 percent
- Lineup about the standard from 3 to 30A
- Little inductance fall when overload

### ◆COIL STANDARD SPECIFICATIONS

| Coil Part No.<br>(Old Coil Part No.) | Rated Current<br>A | Inductance*1 (10kHz) |              | D.C.R.<br>mΩ<br>(max) | Winding<br>mmφ×lines | Outside Dimensions |          |         |
|--------------------------------------|--------------------|----------------------|--------------|-----------------------|----------------------|--------------------|----------|---------|
|                                      |                    | 0[A]<br>μH           | Rating<br>μH |                       |                      | D1<br>mm           | D2<br>mm | W<br>mm |
| ○ LACM003192JRHV0E<br>(CM03192JRPBF) | 3                  | 2000                 | 1900         | 290                   | 0.9φ×1P              | 41.5               | 41.5     | 27.0    |
| ○ LACM005102JRHV0E<br>(CM05102JRPBF) | 5                  | 1200                 | 1000         | 150                   | 1.1φ×1P              | 42.0               | 42.0     | 28.0    |
| ○ LACM008511JRHV0E<br>(CM08511JRPBF) | 8                  | 600                  | 510          | 77                    | 1.3φ×1P              | 42.0               | 42.0     | 29.5    |
| ○ LACM010261JRHV0E<br>(CM10261JRPBF) | 10                 | 290                  | 260          | 38                    | 1.1φ×2P              | 42.0               | 42.0     | 28.0    |
| ○ LACM015131JRHV0E<br>(CM15131JRPBF) | 15                 | 150                  | 130          | 20                    | 1.3φ×2P              | 42.0               | 42.0     | 29.5    |
| ○ LACM020790JRHV0E<br>(CM20790JRPBF) | 20                 | 92                   | 79           | 13                    | 1.2φ×3P              | 42.5               | 42.5     | 28.5    |
| ● LACM025430JRHV0E<br>(CM25430JRPBF) | 25                 | 50                   | 43           | 7                     | 1.2φ×4P              | 42.5               | 42.5     | 28.5    |
| ● LACM030320JRHV0E<br>(CM30320JRPBF) | 30                 | 36                   | 32           | 6                     | 1.3φ×4P              | 42.5               | 42.5     | 29.5    |

\*1 Rated inductance tolerance : ±25%, the inductance at current 0[A] indicates the reference value.

There is a horizontal putting type in all items in the above list."V"changes into "H" in last the third digit of the name of items.

There is a type with the length putting seat in ● item in the above list."V" changes into "D" in last the third digit of the name of items.

There are the type with the length putting seat and the horizontal putting seat in ○ item.

The type with the length putting seat is "V" changes into "B" in last the third digit of the name of items.

\*Order the auxiliary pins separately if they are required for the pedestal.

Please select them according to the situation.

◆ D.C. BIAS CHARACTERISTICS

● Core : LNC322015J2, Frequency : 10 [kHz]

