



◆ 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. (Old Coil Part No.)	Rated Current A	Inductance ^{*1} (10kHz)		D.C.R. mΩ (max)	Winding ^{*2} mmφ×lines-turns	Outside Dimensions		
		0[A] μH	Rating μH			D1 mm	D2 mm	W mm
○ LACM003192JRHV0E (CM03192JRPBF)	3	2000	1900	290	0.9φ×1P - 126T	41.5	41.5	27.0
○ LACM005102JRHV0E (CM05102JRPBF)	5	1200	1000	150	1.1φ×1P - 96T	42.0	42.0	28.0
○ LACM008511JRHV0E (CM08511JRPBF)	8	600	510	77	1.3φ×1P - 69T	42.0	42.0	29.5
○ LACM010261JRHV0E (CM10261JRPBF)	10	290	260	38	1.1φ×2P - 48T	42.0	42.0	28.0
○ LACM015131JRHV0E (CM15131JRPBF)	15	150	130	20	1.3φ×2P - 34T	42.0	42.0	29.5
○ LACM020790JRHV0E (CM20790JRPBF)	20	92	79	13	1.2φ×3P - 27T	42.5	42.5	28.5
● LACM025430JRHV0E (CM25430JRPBF)	25	50	43	7	1.2φ×4P - 20T	42.5	42.5	28.5
● LACM030320JRHV0E (CM30320JRPBF)	30	36	32	6	1.3φ×4P - 17T	42.5	42.5	29.5

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

*2 The number of turns indicates the reference value.

The specification of the inductance takes precedence over that of the number of turns.

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]

