

TOKO DEM8045C SAMPLE KIT DATA SHEET

DEM8045C

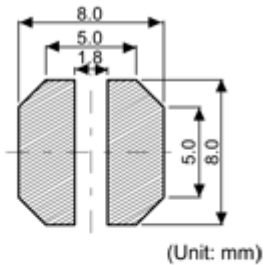


Electrical characteristics

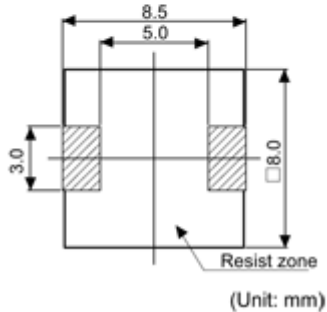
Inductance range	DEM8045C : 1.5 ~ 47 μ H
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Recommended pattern

DEM8030C



DEM8040C / DEM8045C

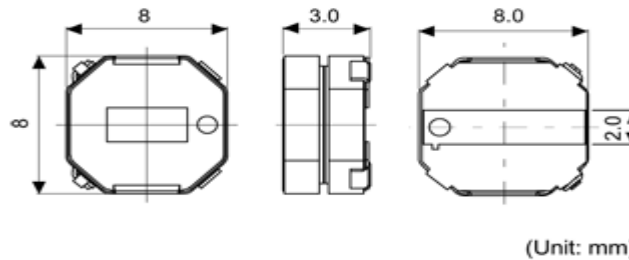


Features

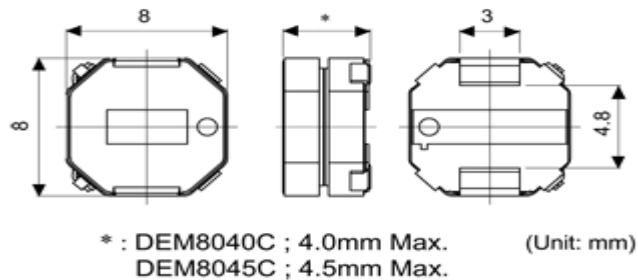
- 8.3x8.3mm Max. square, 4.5mm Max. height.
- Magnetically shielded construction and low DC resistance.
- Suitable for large currents.
- RoHS compliant.
- Halogen Free.

Dimensions

DEM8030C



DEM8040C / DEM8045C



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<u>TOKO PART NUMBER</u>	<u>INDUCTANCE (μH)</u>	<u>TOLERANCE (%)</u>	<u>DC RESISTANCE (mΩ) Max. (Typ.)</u>	<u>Temperature Rise Current⁽³⁾ T=40C (A) Max. (Typ.)</u>	<u>QUANTITY PER SAMPLE BOX</u>
1217AS-H-1R5N	1.5	+/-30%	6.5	9.4 (11.0)	5
1217AS-H-2R2N	2.2	+/-30%	8.3	8.7 (10.0)	5
1217AS-H-3R3N	3.3	+/-30%	12	6.8 (8.0)	5
1217AS-H-4R7N	4.7	+/-30%	15	6.3 (7.4)	5
1217AS-H-6R8N	6.8	+/-30%	23	4.8 (5.6)	5
1217AS-H-100M	10	+/-20%	33	3.9 (4.6)	5
1217AS-H-150M	15	+/-20%	44	3.5 (4.1)	5
1217AS-H-220M	22	+/-20%	78	2.4 (2.8)	5
1217AS-H-330M	33	+/-20%	110	2.2 (2.6)	5
1217AS-H-470M	47	+/-20%	170	1.6 (2.1)	5

1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent. Test frequency at 100kHz

(2) DC resistance is measured with 34420A (Agilent Technologies) or 3541(HIOKI). (Reference ambient temperature 25°C)

(3) Maximum allowable DC current is that which causes a 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)