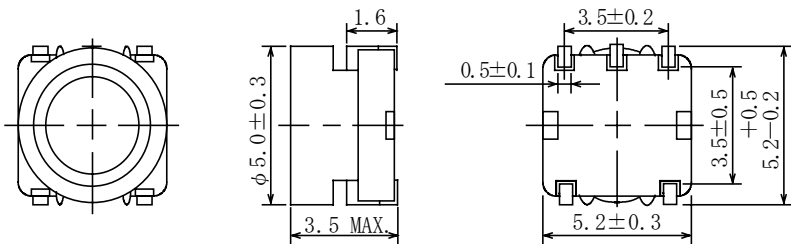
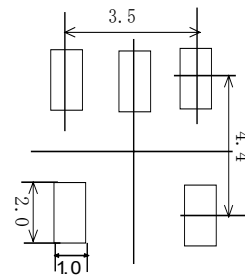


Type: CM-5LN
◆ Product Description

- 5.7×5.5mm Max.(L×W), 3.5mm Max. Height.
- Inductance Range: 10 μ H~1.0mH
- Rated current range: 55mA~545mA.
- 5 Terminal pins' type gives a flexible design as inductors or transformers.
- Custom design is available.


◆ Feature

- Magnetically shielded construction.
- Ideally used in DSC/DVC, PDA, DVD, Game Machine, Power supply module etc as DC-DC Converter inductors or transformers.
- RoHS Compliance

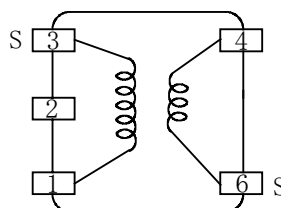
◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Specification (for transformers)

Sample No.	Inductance (6-4) 1kHz/1V	Inductance (3-1) 1kHz/1V	D.C.R (6-4)	D.C.R (3-1)	Rated Current (6-4)	Rated Current (3-1)
6315-T035	10.5μH +40% -20%	190μH (Ref.)	663mΩ Max.	7.0Ω Max.	350mA	102mA

※ Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or When $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).

※ Schematics (Bottom)

"S" is winding start.



Type: CM-5LN
◆ Specification (for inductors)

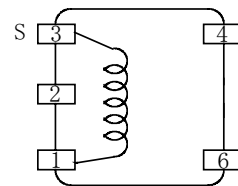
Part Name ※	Inductance [Within] ※1	D.C.R.(Ω) [Max.](at 20°C)	Rate Current (mA)※2	Measuring Frequency
CM5LNNP-100□	10 μ H	0.24	545	2.52 MHz
CM5LNNP-120□	12 μ H	0.27	470	
CM5LNNP-150□	15 μ H	0.28	455	
CM5LNNP-180□	18 μ H	0.32	395	
CM5LNNP-220□	22 μ H	0.40	370	
CM5LNNP-270□	27 μ H	0.50	345	
CM5LNNP-330□	33 μ H	0.55	315	
CM5LNNP-390□	39 μ H	0.70	280	
CM5LNNP-470□	47 μ H	0.75	265	
CM5LNNP-560□	56 μ H	0.85	235	
CM5LNNP-680□	68 μ H	1.05	200	
CM5LNNP-820□	82 μ H	1.35	180	
CM5LNNP-101□	100 μ H	1.90	165	1 kHz
CM5LNNP-121□	120 μ H	2.15	150	
CM5LNNP-151□	150 μ H	3.00	140	
CM5LNNP-181□	180 μ H	3.35	125	
CM5LNNP-221□	220 μ H	4.60	120	
CM5LNNP-271□	270 μ H	5.40	110	
CM5LNNP-331□	330 μ H	5.95	90	
CM5LNNP-391□	390 μ H	8.20	85	
CM5LNNP-471□	470 μ H	9.55	80	
CM5LNNP-561□	560 μ H	10.65	75	
CM5LNNP-681□	680 μ H	12.55	70	
CM5LNNP-821□	820 μ H	12.80	60	
CM5LNNP-102□	1.0 mH	15.05	55	

※ Description of part name

CM5LNNP-100□

※ Schematics (Bottom)

“S” is winding start.



※1: Tolerance of inductance +40%, -20%.

※2: Rated current: The D.C. current at which the inductance decreases to 90% of its initial value or when Δt=40°C, whichever is lower (Ta=20°C).