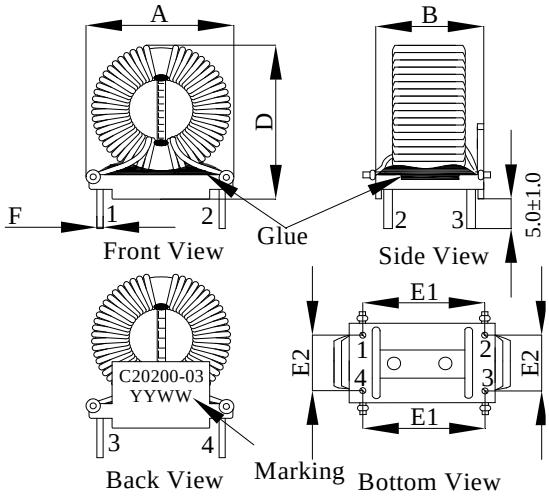
C20200 Series

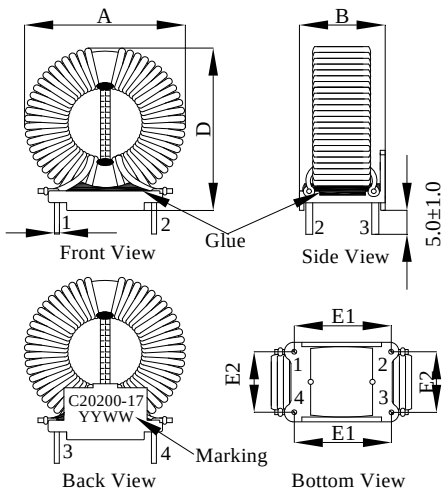
A. Special Features

·Single wire wound
·Excellent EMI suppression capability over wide frequency spectrum
·High current capacity
·dielectric strength:1500Vrms
·Coil mount on UL94-V0 rated plastic header
·Fixed pin spacing allow easy PCB insertion
·Operating temperature:-55 to + 105℃

B. Mechanical Dimension (Unit:mm)



C20200-01 ~ C20200-03



C20200-04 ~ C20200-23

C. Electrical Specification:

P/N	L(mH)Min. @1KHz	Irate(A) Max	DCR(Ω) Max.	Dim. A Max.	Dim. B Max.	Dim. D Max.	Dim. E1 ±0.4	Dim. E2 ±0.4	Dim. F ±0.1
C20200-01	4.0	1.7	0.173	19.30	12.50	22.86	15.24	6.35	1.00
C20200-02	2.5	2.4	0.090	19.30	12.50	22.86	15.24	6.35	1.00
C20200-03	1.0	4.8	0.022	19.30	12.50	22.86	15.24	6.35	1.00
C20200-04	10.0	2.4	0.170	30.48	15.50	30.48	20.32	10.16	1.27
C20200-05	7.0	2.8	0.120	30.48	15.50	30.48	20.32	10.16	1.27
C20200-06	5.0	3.7	0.070	30.48	15.50	30.48	20.32	10.16	1.27
C20200-07	2.0	6.6	0.022	30.48	15.50	30.48	20.32	10.16	1.27
C20200-08	1.0	10.0	0.010	30.48	15.50	30.48	20.32	10.16	1.27
C20200-09	30.0	2.3	0.330	34.29	20.60	36.83	22.86	15.24	1.27
C20200-10	20.0	1.0	0.210	34.29	20.60	36.83	22.86	15.24	1.27
C20200-11	12.0	4.0	0.110	34.29	20.60	36.83	22.86	15.24	1.27
C20200-12	8.0	5.6	0.055	36.83	20.60	36.83	22.86	15.24	1.27
C20200-13	5.0	8.9	0.022	36.83	20.60	38.10	22.86	15.24	1.27
C20200-14	2.5	12.5	0.011	36.83	20.60	38.10	22.86	15.24	1.27

Notes: Irate is defined as the applied current level that causes an approx. 35 ℃ temperature rise without force air flow.

C20200 Series

C. Electrical Specification:

P/N	L(mH)Min. @1KHz	Irate(A) Max.	DCR(Ω) Max.	Dim. A Max.	Dim. B Max.	Dim. D Max.	Dim. E1 ±0.4	Dim. E2 ±0.4	Dim. F ±0.1
C20200-15	1.2	16.0	0.006	38.10	20.60	38.86	22.86	15.24	1.27
C20200-16	50.0	2.3	0.450	41.90	20.60	42.50	22.86	15.24	1.27
C20200-17	36.0	2.9	0.300	41.90	20.60	42.50	22.86	15.24	1.27
C20200-18	7.3	9.3	0.032	43.18	20.60	42.50	22.86	15.24	1.27
C20200-19	4.0	14.5	0.012	43.18	23.10	42.50	30.48	17.78	1.27
C20200-20	2.4	17.0	0.008	43.18	23.50	41.91	30.48	17.78	1.27
C20200-21	1.0	20.0	0.007	43.18	23.50	41.91	30.48	17.78	1.27
C20200-22	0.5	14.0	0.005	38.10	22.00	38.86	22.86	15.24	1.27
C20200-23	0.6	25.0	0.0036	47.00	24.00	41.91	30.48	17.78	1.27

Notes: Irate is defined as the applied current level that causes an approx. 35 ℃ temperature rise without force air flow.