

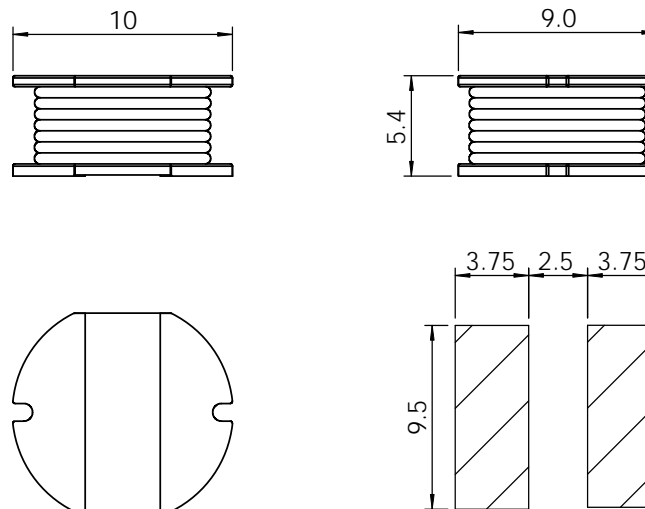
Part	L (μ H)	Tol %	R _{dc} MAX (Ω)	I _{dc} I _N (A)
CD105-100	10 @2.52 MHz	M	0.06	2.6
CD105-120	12 @2.52 MHz	M	0.07	2.5
CD105-150	15 @2.52 MHz	M	0.08	2.3
CD105-180	18 @2.52 MHz	M	0.09	2.2
CD105-220	22 @2.52 MHz	M	0.1	2
CD105-270	27 @2.52 MHz	M	0.11	1.8
CD105-330	33 @2.52 MHz	M	0.12	1.5
CD105-390	39 @2.52 MHz	M	0.14	1.4
CD105-470	47 @2.52 MHz	K	0.17	1.3
CD105-560	56 @2.52 MHz	K	0.19	1.2
CD105-680	68 @2.52 MHz	K	0.22	1.1
CD105-820	82 @2.52 MHz	K	0.25	1
CD105-101	100 @1.0 kHz	K	0.35	1
CD105-121	120 @1.0 kHz	K	0.4	0.9
CD105-151	150 @1.0 kHz	K	0.47	0.8
CD105-181	180 @1.0 kHz	K	0.63	0.7
CD105-221	220 @1.0 kHz	K	0.73	0.7
CD105-271	270 @1.0 kHz	K	0.97	0.6
CD105-331	330 @1.0 kHz	K	1.15	0.5
CD105-391	390 @1.0 kHz	K	1.3	0.5
CD105-471	470 @1.0 kHz	K	1.48	0.4
CD105-561	560 @1.0 kHz	K	1.9	0.3
CD105-681	680 @1.0 kHz	K	2.25	0.3
CD105-821	820 @1.0 kHz	K	2.25	0.2

SPECIFICATION

- TYPE = CD105
- CONSTRUCTION = SURFACE MOUNT POWER INDUCTOR
- TERMINAL COATING = NICKEL
- OPERATING TEMP. = -40 TO +85 °C
- STORAGE TEMP = -55 TO +125 °C
- INSULATION RESISTANCE = 100MOhm. 100V TERMINAL-CORE
- DIELECTRIC STRENGTH = 250Vac TERMINAL-CORE
- HUMIDITY EFFECTS = L \pm 5 @ 95%RH, 40 °C, 1HR
Q \pm 5 @ 95%RH, 40 °C, 1HR
- PACKAGING = 750PCS/REEL
- MARKING = 3 CHARACTERS, VALUE

NOTE

TOLERANCES K=10%; M=20%.



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	DRAWN			
	CHECKED			
	MATERIAL --	ENG APPR.		
FINISH --	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL \pm 0.3 TWO PLACE DECIMAL \pm 0.13 ANGLE \pm 1 DEGREE			SIZE A DWG. NO. CD105 SMD POWER INDUCTOR REV. 00
DO NOT SCALE DRAWING				SCALE:1:1 SHEET 1 OF 1