

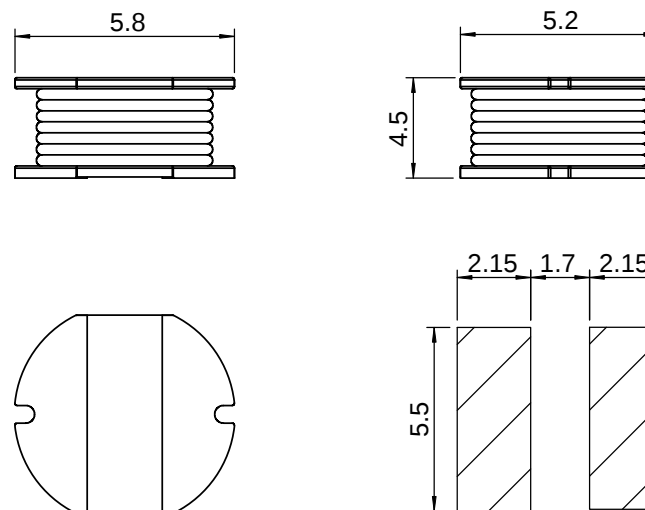
Part	L	Tol	R _{DC}	I _{DC}
	(μH)	%	MAX	I _N
			(Ω)	(A)
CD54-100	10 @2.52 MHz	M	0.1	1.4
CD54-120	12 @2.52 MHz	M	0.12	1.4
CD54-150	15 @2.52 MHz	M	0.14	1.3
CD54-180	18 @2.52 MHz	M	0.15	1.2
CD54-220	22 @2.52 MHz	M	0.18	1.1
CD54-270	27 @2.52 MHz	M	0.2	1
CD54-330	33 @2.52 MHz	M	0.23	0.9
CD54-390	39 @2.52 MHz	M	0.32	0.8
CD54-470	47 @2.52 MHz	M	0.37	0.7
CD54-560	56 @2.52 MHz	K	0.42	0.7
CD54-680	68 @2.52 MHz	K	0.46	0.6
CD54-820	82 @2.52 MHz	K	0.6	0.6
CD54-101	100 @1.0 kHz	K	0.7	0.5
CD54-121	120 @1.0 kHz	K	0.93	0.5
CD54-151	150 @1.0 kHz	K	1.1	0.4
CD54-181	180 @1.0 kHz	K	1.38	0.4
CD54-221	220 @1.0 kHz	K	1.57	0.4

SPECIFICATION

TYPE	= CD54
CONSTRUCTION	= SURFACE MOUNT POWER INDUCTOR
TERIMAL 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±5 @ 95%RH, 40 °C, 1HR Q±5 @ 95%RH, 40 °C, 1HR
PACKAGING	= 1500PCS/REEL
MARKING	= 3 CHARACTERS, VALUE

NOTE

TOLERANCES K=10%; M=20%.



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	DRAWN				
	CHECKED			TITLE: CD54 SMD POWER INDUCTOR	
	ENG APPR.				
MATERIAL	--	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE			SIZE A
FINISH	--	DO NOT SCALE DRAWING			DWG. NO. CD54 SMD POWER INDUCTOR REV. 00
		SCALE:1:1		SHEET 1 OF 1	