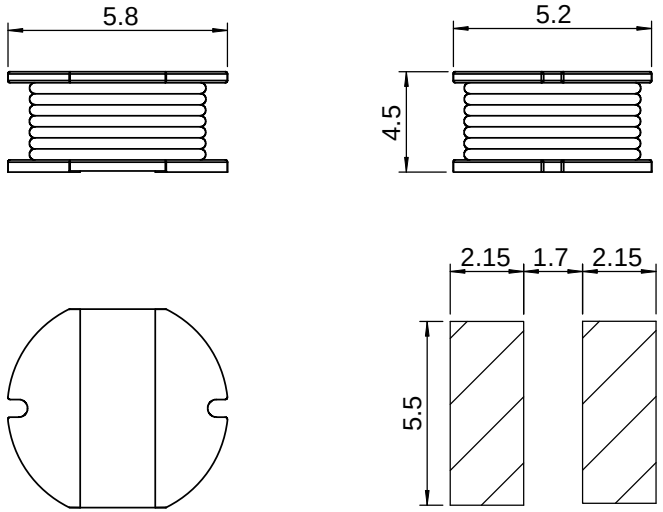
Part	L	Tol	R_{DC}	I_{DC}
	(μH)	%	MAX	I_N
			(Ω)	(A)
CD54-100	10 @2.52 MHz	M	0.1	1.4
CD54-120	12 @2.52 MHz	M	0.12	1.4
CD54-150	15 @2.52 MHz	M	0.14	1.3
CD54-180	18 @2.52 MHz	M	0.15	1.2
CD54-220	22 @2.52 MHz	M	0.18	1.1
CD54-270	27 @2.52 MHz	M	0.2	1
CD54-330	33 @2.52 MHz	M	0.23	0.9
CD54-390	39 @2.52 MHz	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 STREGTH = 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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	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ONE PLACE DECIMAL +/-0.3
TWO PLACE DECIMAL +/-0.13
ANGLE +/-1 DEGREE

MATERIAL --

FINISH --

DO NOT SCALE DRAWING

AIT COMPONENTS LTD
www.aitcomponents.com

TITLE:
CD54 SMD POWER INDUCTOR

SIZE	DWG. NO.	REV.
A	CD54 SMD POWER INDUCTOR	00
SCALE:1:1		SHEET 1 OF 1