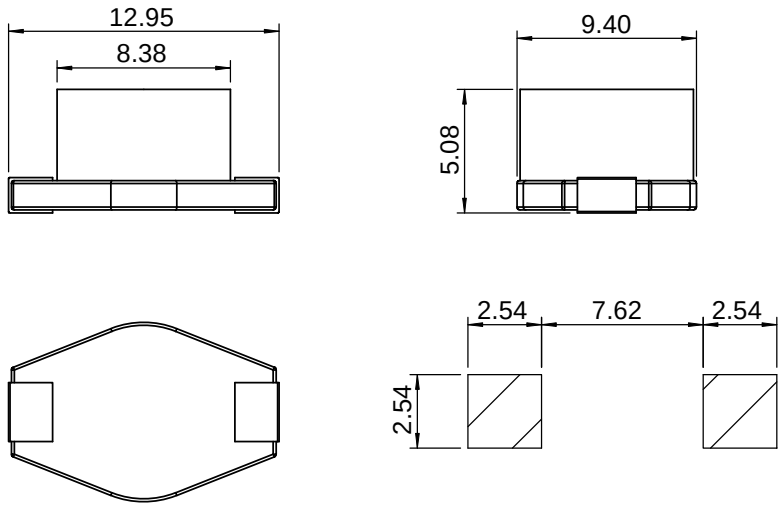
Part	L	Tol	R_{DC}	I_{DC}
	(μH)	%	MAX	I_N
			(Ω)	(A)
DS3316T-1R0	1.0 @100 kHz	M	0.02	5.6
DS3316T-1R5	1.5 @100 kHz	M	0.02	5.2
DS3316T-2R2	2.2 @100 kHz	M	0.03	5
DS3316T-3R3	3.3 @100 kHz	M	0.04	3.9
DS3316T-4R7	4.7 @100 kHz	M	0.05	3.2
DS3316T-6R8	6.8 @100 kHz	M	0.08	2.8
DS3316T-100	10 @100 kHz	M	0.1	2.4
DS3316T-150	15 @100 kHz	M	0.15	2
DS3316T-220	22 @100 kHz	M	0.21	1.6
DS3316T-330	33 @100 kHz	M	0.33	1.4
DS3316T-470	47 @100 kHz	M	0.47	1

SPECIFICATION

TYPE = DS3316
CONSTRUCTION = SURFACE MOUNT POWER INDUCTOR
TERIMAL COATING = NICKEL ALLOY OVER PHOS BRONZE
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 = 1000PCS/REEL
MARKING = 3 CHARACTERS, VALUE

NOTE

TOLERANCE 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

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www.aitcomponents.com

TITLE:
DS3316 SMD POWER INDUCTOR

SIZE A | DWG. NO. DS3316 SMD POWER INDUCTOR | REV. 00

SCALE:1:1 | SHEET 1 OF 1