

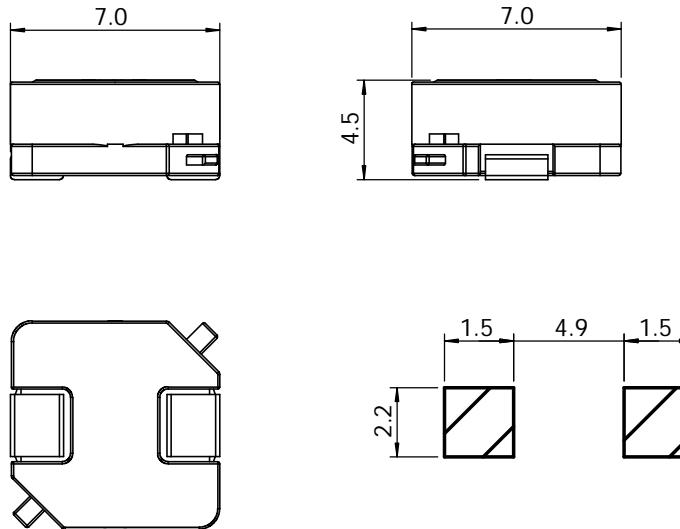
Part	L (μ H)	Tol %	R _{DC} MAX (Ω)	I _{DC} I _N (A)
D75C-1R0	1.0 @1.0 kHz	M	0.023	2.88
D75C-1R5	1.5 @1.0 kHz	M	0.027	2.61
D75C-3R3	3.3 @1.0 kHz	M	0.035	2.28
D75C-4R7	4.7 @1.0 kHz	M	0.041	2.08
D75C-6R8	6.8 @1.0 kHz	M	0.047	1.94
D75C-100	10 @1.0 kHz	M	0.05	1.68
D75C-120	12 @1.0 kHz	M	0.07	1.54
D75C-150	15 @1.0 kHz	M	0.08	1.39
D75C-180	18 @1.0 kHz	M	0.09	1.26
D75C-220	22 @1.0 kHz	M	0.11	1.13
D75C-270	27 @1.0 kHz	M	0.15	1.02
D75C-330	33 @1.0 kHz	M	0.17	0.84
D75C-390	39 @1.0 kHz	M	0.18	0.8
D75C-470	47 @1.0 kHz	M	0.2	0.76
D75C-560	56 @1.0 kHz	M	0.28	0.64
D75C-680	68 @1.0 kHz	M	0.32	0.6
D75C-820	82 @1.0 kHz	M	0.35	0.57
D75C-101	100 @1.0 kHz	M	0.4	0.5
D75C-121	120 @1.0 kHz	M	0.44	0.47
D75C-151	150 @1.0 kHz	M	0.73	0.4
D75C-181	180 @1.0 kHz	M	0.78	0.39
D75C-221	220 @1.0 kHz	M	0.94	0.33
D75C-271	270 @1.0 kHz	M	1.25	0.31
D75C-331	330 @1.0 kHz	M	1.4	0.28
D75C-391	390 @1.0 kHz	M	1.52	0.27
D75C-471	470 @1.0 kHz	M	1.7	0.25
D75C-561	560 @1.0 kHz	M	2.39	0.22

SPECIFICATION

TYPE = D75C
 CONSTRUCTION = SURFACE MOUNT POWER INDUCTOR
 TERMINAL COATING = NICKEL ALLOY OVER PHOS BRONZE
 OPERATING TEMP. = -40 TO +85 °C
 STORAGE TEMP = -55 TO +125 °C
 INSULATION RESISTANCE = 100M Ω m. 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 = 1000PCS/REEL
 MARKING = 3 CHARACTERS, VALUE

NOTE

TOLERANCE M=20%.



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	DRAWN				
	CHECKED	WEB-SITE DATA SHEET			TITLE: D75C COMPACT SMD POWER INDUCTOR WITH SHIELD
	MATERIAL	--	ENG APPR.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE	SIZE DWG. NO. A D75C_AIT_WEB
FINISH	--	DO NOT SCALE DRAWING		REV. 00 SCALE:1:1 REV '0' = PRELIMINARY DATA SHEET 1 OF 1	