

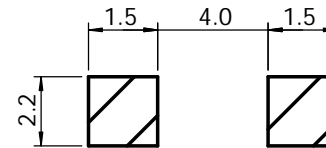
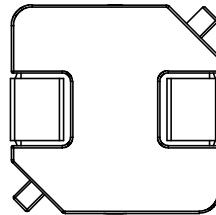
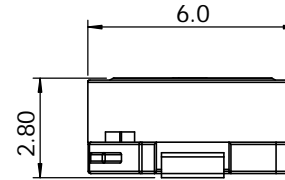
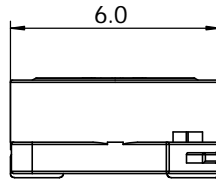
Part	L (μ H)	Tol %	R _{DC} MAX (Ω)	I _{DC} I _N (A)
D63C-100	10 @1.0 kHz	M	0.15	1.1
D63C-120	12 @1.0 kHz	M	0.2	1
D63C-150	15 @1.0 kHz	M	0.23	0.9
D63C-180	18 @1.0 kHz	M	0.27	0.8
D63C-220	22 @1.0 kHz	M	0.34	0.74
D63C-270	27 @1.0 kHz	M	0.38	0.66
D63C-330	33 @1.0 kHz	M	0.45	0.59
D63C-390	39 @1.0 kHz	M	0.49	0.54
D63C-470	47 @1.0 kHz	M	0.69	0.5
D63C-560	56 @1.0 kHz	M	0.78	0.46
D63C-680	68 @1.0 kHz	M	1.07	0.42
D63C-820	82 @1.0 kHz	M	1.21	0.38
D63C-101	100 @1.0 kHz	M	1.39	0.34
D63C-121	120 @1.0 kHz	M	1.9	0.31
D63C-151	150 @1.0 kHz	M	2.18	0.28
D63C-181	180 @1.0 kHz	M	2.77	0.26
D63C-221	220 @1.0 kHz	M	3.12	0.23
D63C-271	270 @1.0 kHz	M	4.38	0.22
D63C-331	300 @1.0 kHz	M	4.94	0.19

SPECIFICATION

TYPE = D63C
 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 = 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 = 1000PCS/REEL
 MARKING = 3 CHARACTERS, VALUE

NOTE

TOLERANCE M=20%.



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	DRAWN			
	CHECKED	WEB-SITE DATA SHEET		TITLE:
	ENG APPR.			D63C COMPACT SMD POWER INDUCTOR WITH SHIELD
MATERIAL	--	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE		
FINISH	--	DO NOT SCALE DRAWING	SIZE A DWG. NO. D63C_AIT_WEB REV. 00	
		SCALE:1:1	REV '0' = PRELIMINARY DATA SHEET 1 OF 1	