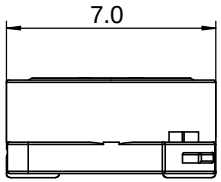
Part	L (μH)	Tol %	R_{DC} MAX (Ω)	I_{DC} I_N (A)
D73C-1R0	1.0 @1.0 kHz	M	0.019	3.12
D73C-1R5	1.5 @1.0 kHz	M	0.023	2.85
D73C-3R3	3.3 @1.0 kHz	M	0.035	2.26
D73C-4R7	4.7 @1.0 kHz	M	0.043	1.96
D73C-6R8	6.8 @1.0 kHz	M	0.055	1.76
D73C-100	10 @1.0 kHz	M	0.08	1.34
D73C-120	12 @1.0 kHz	M	0.09	1.23
D73C-150	15 @1.0 kHz	M	0.12	1.09
D73C-180	18 @1.0 kHz	M	0.13	0.99
D73C-220	22 @1.0 kHz	M	0.15	0.9
D73C-270	27 @1.0 kHz	M	0.21	0.81
D73C-330	33 @1.0 kHz	M	0.25	0.72
D73C-390	39 @1.0 kHz	M	0.31	0.67
D73C-470	47 @1.0 kHz	M	0.35	0.6
D73C-560	56 @1.0 kHz	M	0.43	0.55
D73C-680	68 @1.0 kHz	M	0.52	0.5
D73C-820	82 @1.0 kHz	M	0.6	0.46
D73C-101	100 @1.0 kHz	M	0.79	0.41

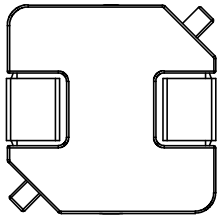
SPECIFICATION

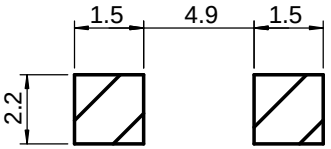
TYPE = D73C
CONSTRUCTION = SURFACE MOUNT POWER INDUCTOR
TERIMAL COATING = NICKEL ALLOY OVER PHOS BRONZE
OPERATING TEMP. = -40 TO +85 ˚C
STORAGE TEMP = -55 TO +125 ˚C
INSULATION RESISTANCE = 100MOhm. 100V TERMINAL-CORE
DIELECTRIC STREGTH = 250Vac TERMINAL-CORE
HUMIDITY EFFECTS = L ±5 @ 95%RH, 40 ˚C, 1HR
Q ±5 @ 95%RH, 40 ˚C, 1HR
PACKAGING = 1000PCS/REEL
MARKING = 3 CHARACTERS, VALUE

NOTE

TOLERANCE M=20%.







	NAME	DATE
DRAWN		
CHECKED	WEB-SITE DATA SHEET	
ENG APPR.		

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

DO NOT SCALE DRAWING

MATERIAL --

FINISH --

AIT Components Ltd.
www.aitcomponents.com

TITLE:
D73C COMPACT SMD POWER INDUCTOR WITH SHIELD

SIZE	DWG. NO.	REV.
A	D73C_AIT_WEB	00

SCALE:1:1 | REV '0' = PRELIMINARY DATA | SHEET 1 OF 1