

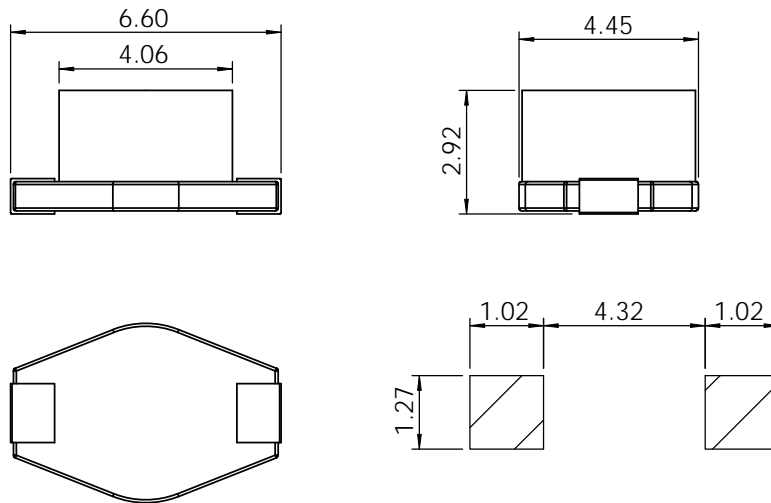
Part	L ( $\mu$ H)	Tol %	R <sub>bc</sub> MAX ( $\Omega$ )	I <sub>bc</sub> I <sub>N</sub> (A)
DS1608T-1R0	1.0 @100 kHz	M	0.04	3
DS1608T-1R5	1.5 @ 100kHz	M	0.05	2.8
DS1608T-2R2	2.2 @100 kHz	M	0.05	1.8
DS1608T-3R3	3.3 @100 kHz	M	0.06	1.6
DS1608T-4R7	4.7 @ 100kHz	M	0.06	1.4
DS1608T-6R8	6.8 @100 kHz	M	0.07	1.2
DS1608T-100	10 @100 kHz	M	0.08	1
DS1608T-150	15 @100 kHz	M	0.09	0.8
DS1608T-220	22 @100 kHz	M	0.11	0.7
DS1608T-330	33 @100 kHz	M	0.19	0.6
DS1608T-470	47 @100 kHz	M	0.23	0.5
DS1608T-680	68 @100 kHz	M	0.29	0.4
DS1608T-101	100 @100 kHz	M	0.48	0.3
DS1608T-151	150 @100 kHz	M	0.59	0.26
DS1608T-221	220 @100 kHz	M	0.77	0.22
DS1608T-331	330 @100 kHz	M	1.4	0.2
DS1608T-471	470 @100 kHz	M	1.8	0.19
DS1608T-681	680 @100 kHz	M	2.2	0.18
DS1608T-102	1000 @100 kHz	M	3.4	0.15
DS1608T-152	1500 @100 kHz	M	4.2	0.12
DS1608T-222	2200 @100 kHz	M	8.5	0.1
DS1608T-332	3300 @100 kHz	M	11	0.08
DS1608T-472	4700 @100 kHz	M	13.9	0.06
DS1608T-682	6800 @100 kHz	M	25	0.04
DS1608T-103	10000 @100 kHz	M	32.8	0.02

**SPECIFICATION**

TYPE = DS1608  
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			
	MATERIAL	--	ENG APPR.	
FINISH	--	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE		SIZE <b>A</b> DWG. NO. DS1608 SMD POWER INDUCTOR REV. <b>00</b>
DO NOT SCALE DRAWING			SCALE:1:1	SHEET 1 OF 1