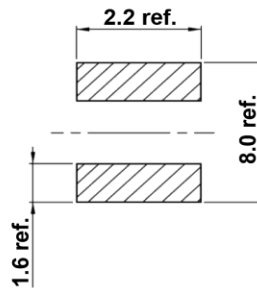


P.C.B. LAYOUT



Specifications:

Inductance: See table "xxxxxx"
 Rated current: n.a.
 Saturation Current ($L \leq 30\%$ drop): See table "xxxxxx"
 Self resonant frequency: n.a.
 Quality (10 kHz): n.a.
 Resistance: See table "xxxxxx"
 Operating temperature: -40 °C to +125 °C
 Materials: Core: Ferrite NiZn

Wire: UEW Class H, 180°C, E344055, E201757, E258243
 Epoxy: E-500, E218090
 Solder: Lead free solder, Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7
 1000 pcs./reel

Packaging unit:
 Compliance: RohS II (2011/65/EU)

tolerances	knitter-inductive	Product Data-sheet	2 06 10
			page 1/2
01/24, add 104995, cs	drawn: D. Rauschert, 08/18	Inductor	
12/23, Add 2 types, cs	approved: C.Schmid, 08/18		
12/20, Height change, dr	Part Number	ICSxxxxxD4SHyST12	
03/20, Add 683955, dr			
09/18, Added 2 types, CS			
date: modification, name			

"xxxxxx"	"y"	Inductance (μ H)	RDC (mOhm) max.	Isat (A) max.	Test frequency
102456	R	1	22	4,50 (L \leq 35% drop)	1kHz, 0.3V
472306	M	4,7	36	3,00 (L \leq 35% drop)	1kHz, 0.3V
103186	M	10	49	1,84	1kHz, 0.3V
123176	M	12	58	1,71	1kHz, 0.3V
153146	M	15	81	1,47	1kHz, 0.3V
183136	M	18	91	1,31	1kHz, 0.3V
223126	M	22	110	1,23	1kHz, 0.3V
273116	M	27	150	1,12	1kHz, 0.3V
333965	M	33	170	0,96	1kHz, 0.3V
393915	M	39	230	0,91	1kHz, 0.3V
473885	M	47	260	0,88	1kHz, 0.3V
563755	M	56	350	0,75	1kHz, 0.3V
683695	M	68	380	0,69	1kHz, 0.3V
683955	M	68	380	0,95 (L \leq 10% drop)	1kHz, 0.3V
823615	M	82	430	0,61	1kHz, 0.3V
104605	M	100	610	0,60	1kHz, 0.3V
104995	M	100	383 ref.	0,99	100kHz, 0.25V
124525	M	120	660	0,52	1kHz, 0.3V
154465	M	150	880	0,46	1kHz, 0.3V
184425	M	180	980	0,42	1kHz, 0.3V
224365	M	220	1170	0,36	1kHz, 0.3V
224545	M	220	1170	0,54 (L \leq 10% drop)	1kHz, 0.25V
274345	M	270	1640	0,34	1kHz, 0.3V
334325	M	330	1860	0,32	1kHz, 0.3V
334455	M	330	1860	0,45 (L \leq 10% drop)	1kHz, 0.25V
394295	M	390	2850	0,29	1kHz, 0.3V
474265	M	470	3010	0,26	1kHz, 0.3V
564235	M	560	3620	0,23	1kHz, 0.3V
684225	M	680	4630	0,22	1kHz, 0.3V
824205	M	820	5200	0,20	1kHz, 0.3V
105185	M	1000	6000	0,18	1kHz, 0.3V

"y"	Inductance Tolerance
R	+/-30%
M	+/-20%

Compliance: RohS II (2011/65/EU)

tolerances	knitter-inductive	Product Data-sheet	2 06 10
			page 2/2
01/24, add 104995, cs	drawn: D. Rauschert, 08/18	Inductor	
12/23, Add 2 types, cs	approved: C.Schmid, 08/18		
12/20, Height change, dr	Part Number	ICSxxxxxD4SHyST12	
03/20, Add 683955, dr			
09/18, Added 2 types, CS			
date: modification, name			