

### 1. PART NO. EXPRESSION :

T B H - 1 0 0 M - 2 A - 3 0 2 6

(a) (b) (c) (d) (e)

(a) Series code

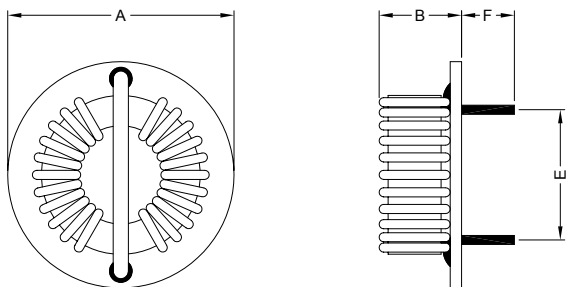
(b) Inductance code : 100 = 10.0uH

(c) 2A : Rated Current

(d) Core OD : 30 = 0.3"

(e) Material code

### 2. CONFIGURATION & DIMENSIONS :



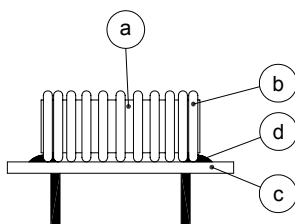
Unit:m/m

A	B	E	F
13.0 ~ 42.0	7.0 ~ 18.0	9.0 ~ 36.0	5.0±2.0

### 3. SCHEMATIC :



### 4. MATERIALS :



(a) Core : Iron Powder Core

(b) Wire : Enamelled Copper Wire

(c) Base : FR4 (or equivalent)

(d) Adhesive : Epoxy



**RoHS Compliant**

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PG. 1

## 5. GENERAL SPECIFICATION :

- a) Temp. rise : 40°C Max. at rated current
- b) Storage temp. : -40°C to +125°C
- c) Operating temp. : -25°C to +105°C

## 6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance @ 1KHz		IDC ( A ) Max.	DCR ( Ω ) Max.
	@ Idc=0A ( μH )	@ Idc=Max ( μH )		
TBH-100M-2A-3026	10	7.7	2	0.017
TBH-120M-1A-3026	12	10.7	1	0.040
TBH-320M-1A-3026	32	25	1	0.065
TBH-8R2M-2A-3726	8.2	7.2	2	0.017
TBH-220M-2A-3726	22	17	2	0.030
TBH-240M-1A-3726	24	22	1	0.055
TBH-680M-1A-3726	68	53	1	0.095
TBH-150M-2A-4426	15	12.6	2	0.023
TBH-430M-1A-4426	43	37	1	0.074
TBH-680M-2A-4426	68	42	2	0.056
TBH-141M-1A-4426	140	104	1	0.140
TBH-200M-3A-5026	20	15	3	0.021
TBH-300M-2A-5026	30	25	2	0.035
TBH-600M-3A-5026	60	35	3	0.038
TBH-680M-1A-5026	68	60	1	0.101
TBH-101M-2A-5026	100	63	2	0.081
TBH-221M-1A-5026	220	162	1	0.190
TBH-220M-5A-6026	22	15	5	0.014
TBH-290M-4A-6026	29	20	4	0.020
TBH-350M-3A-6026	35	28	3	0.026
TBH-580M-2A-6026	58	45	2	0.061
TBH-900M-3A-6026	90	52.5	3	0.044
TBH-111M-2A-6026	110	79	2	0.069
TBH-131M-1.0A-6026	130	116	1	0.146
TBH-471M-1.0A-6026	470	310	1	0.286
TBH-250M-5.0A-6826	25	18	5	0.016
TBH-320M-4.0A-6826	32	24	4	0.021
TBH-430M-3.0A-6826	43	30	3	0.030
TBH-650M-4.0A-6826	65	55	2	0.055
TBH-111M-4.0A-6826	110	56	4	0.042
TBH-131M-3.0A-6826	130	77	3	0.055
TBH-151M-1.0A-6826	150	137	1	0.159
TBH-231M-2.0A-6826	230	148	2	0.108
TBH-501M-1.0A-6826	500	355	1	0.300

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## 6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance @ 1KHz		IDC ( A ) Max.	DCR ( Ω ) Max.
	@ Idc=0A ( μH )	@ Idc=Max. ( μH )		
TBH-500M-5.0A-8026	50	33	5	0.022
TBH-600M-4.0A-8026	60	42	4	0.030
TBH-750M-3.0A-8026	75	54	3	0.039
TBH-820M-3.0A-8026	82	60	3	0.042
TBH-101M-5.0A-8026	100	53	5	0.033
TBH-111M-2.0A-8026	110	90	2	0.074
TBH-151M-5.0A-8026	150	68	5	0.042
TBH-221M-4.0A-8026	220	105	4	0.059
TBH-271M-3.0A-8026	270	140	3	0.081
TBH-321M-2.0A-8026	320	193	2	0.131
TBH-431M-2.0A-8026	430	246	2	0.150
TBH-961M-1.0A-8026	960	625	1	0.438
TBH-900M-5.0A-9026	90	54	5	0.034
TBH-141M-3.0A-9026	140	98	3	0.064
TBH-201M-2.0A-9026	200	154	2	0.114
TBH-321M-5.0A-9026	320	120	5	0.068
TBH-451M-2.0A-9026	450	280	2	0.174
TBH-471M-1.0A-9026	470	398	1	0.354
TBH-471M-3.0A-9026	470	225	3	0.118
TBH-182M-1.0A-9026	1800	1130	1	0.680
TBH-820M-5.0A-9426	82	52	5	0.033
TBH-101M-4.0A-9426	100	69	4	0.042
TBH-131M-3.0A-9426	130	96	3	0.061
TBH-221M-2.0A-9426	220	170	2	0.121
TBH-301M-5.0A-9426	300	120	5	0.064
TBH-391M-4.0A-9426	390	165	4	0.088
TBH-471M-1.0A-9426	470	400	1	0.342
TBH-501M-3.0A-9426	500	242	3	0.124
TBH-781M-2.0A-9426	780	428	2	0.225
TBH-132M-1.0A-9426	1300	933	1	0.585



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## 6. ELECTRICAL CHARACTERISTICS :

Part No.	Inductance @ 1KHz		IDC ( A ) Max.	DCR ( Ω ) Max.
	@ Idc=0A ( μH )	@ Idc=Max. ( μH )		
TBH-300M-10A-10626	30	21	10	0.009
TBH-350M-10A-10626	35	25	10	0.010
TBH-560M-7.0A-10626	56	41.5	7	0.020
TBH-680M-7.0A-10626	68	46	7	0.021
TBH-820M-7.0A-10626	82	53	7	0.023
TBH-101M-5.0M-10626	100	75	5	0.036
TBH-151M-4.0A-10626	150	110	4	0.053
TBH-201M-3.0A-10626	200	157	3	0.078
TBH-301M-2.0A-10626	300	250	2	0.142
TBH-851M-2.0A-10626	850	567	2	0.211
TBH-750M-10A-13026	75	43	43	0.014
TBH-131M-7.0A-13026	130	79	79	0.031
TBH-201M-5.0A-13026	200	134	134	0.056
TBH-251M-10A-13026	250	105	105	0.027
TBH-471M-7.0A-13026	470	190	190	0.064
TBH-681M-5.0A-13026	680	295	295	0.105



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