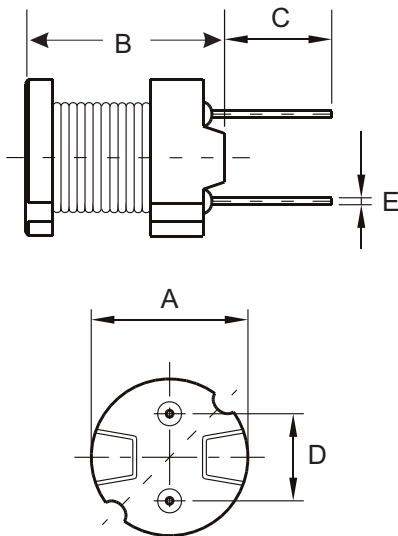
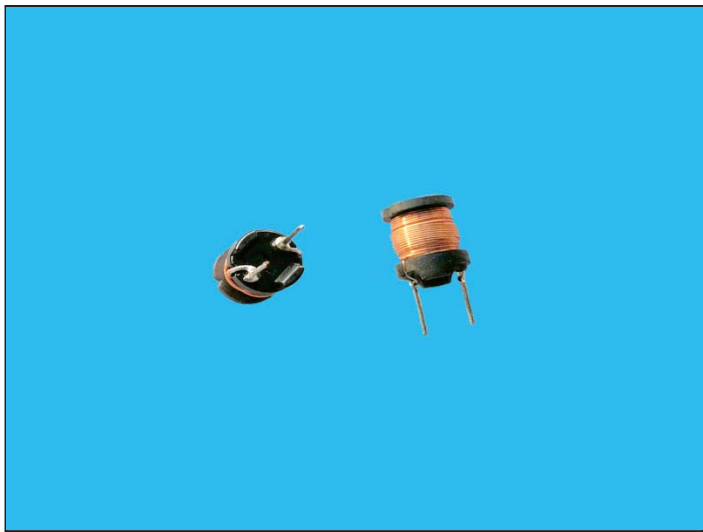


Radial Leaded Inductors



Dimensions and Footprint (Unit:mm)

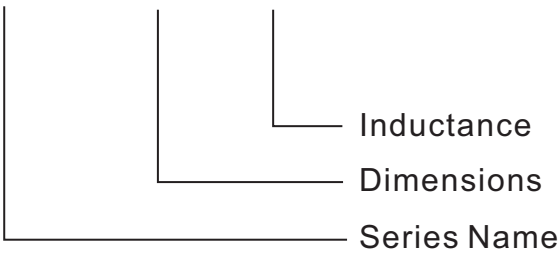
Type	A(Max)	B(Max)	C	D	E
TDRB0605	7.5	6.5	15±2.0	4.0±0.5	0.6±0.05
TDRB0606	7.5	7.5	15±2.0	4.0±0.5	0.6±0.05
TDRB0805	9.5	7	15±2.0	5.0±0.5	0.6±0.05
TDRB0807	9.5	9	15±2.0	5.0±0.5	0.6±0.05
TDRB0809	9.5	12	15±2.0	5.0±0.5	0.6±0.05
TDRB1006	12	7.5	15±2.0	5.0±0.5	0.8±0.1
TDRB1008	12	10	15±2.0	5.0±0.5	0.8±0.1
TDRB1010	12	12	15±2.0	5.0±0.5	0.8±0.1
TDRB1014	12	16	15±2.0	5.0±0.5	0.8±0.1

Description

- Contain high frequency ferrite, comparatively large rated current.
- Power supplies, DC-DC converters, TVs, VTRs, Computers, Lighting, Car Electronics, Air-Conditions, etc.

Part Number Code

TDRB 0605-220K



Electrical Specifications-TDRB0605

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)0.25V
TDRB0605-220K	22±10%	0.18	0.90	1
TDRB0605-270K	27±10%	0.21	0.81	1
TDRB0605-330K	33±10%	0.27	0.74	1
TDRB0605-390K	39±10%	0.29	0.68	1
TDRB0605-470K	47±10%	0.34	0.62	1
TDRB0605-560K	56±10%	0.42	0.57	1
TDRB0605-680K	68±10%	0.48	0.51	1
TDRB0605-820K	82±10%	0.55	0.47	1
TDRB0605-101K	100±10%	0.68	0.42	1
TDRB0605-121K	120±10%	0.77	0.39	1
TDRB0605-151K	150±10%	0.95	0.35	1
TDRB0605-181K	180±10%	1.50	0.32	1
TDRB0605-221K	220±10%	1.50	0.29	1
TDRB0605-271K	270±10%	1.55	0.26	1
TDRB0605-331K	330±10%	2.18	0.23	1
TDRB0605-391K	390±10%	2.47	0.21	1
TDRB0605-471K	470±10%	2.92	0.20	1
TDRB0605-561K	560±10%	3.97	0.18	1
TDRB0605-681K	680±10%	4.57	0.16	1
TDRB0605-821K	820±10%	5.28	0.15	1
TDRB0605-102K	1000±10%	7.06	0.13	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB0606

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)0.25V
TDRB0606-220K	22 $\pm$ 10%	0.13	0.96	1
TDRB0606-270K	27 $\pm$ 10%	0.18	0.87	1
TDRB0606-330K	33 $\pm$ 10%	0.21	0.78	1
TDRB0606-390K	39 $\pm$ 10%	0.26	0.72	1
TDRB0606-470K	47 $\pm$ 10%	0.29	0.66	1
TDRB0606-560K	56 $\pm$ 10%	0.33	0.60	1
TDRB0606-680K	68 $\pm$ 10%	0.36	0.55	1
TDRB0606-820K	82 $\pm$ 10%	0.39	0.50	1
TDRB0606-101K	100 $\pm$ 10%	0.54	0.45	1
TDRB0606-121K	120 $\pm$ 10%	0.62	0.41	1
TDRB0606-151K	150 $\pm$ 10%	0.72	0.37	1
TDRB0606-181K	180 $\pm$ 10%	0.88	0.34	1
TDRB0606-221K	220 $\pm$ 10%	0.99	0.30	1
TDRB0606-271K	270 $\pm$ 10%	1.52	0.27	1
TDRB0606-331K	330 $\pm$ 10%	1.69	0.25	1
TDRB0606-391K	390 $\pm$ 10%	1.85	0.23	1
TDRB0606-471K	470 $\pm$ 10%	2.85	0.21	1
TDRB0606-561K	560 $\pm$ 10%	3.21	0.19	1
TDRB0606-681K	680 $\pm$ 10%	3.60	0.17	1
TDRB0606-821K	820 $\pm$ 10%	4.87	0.16	1
TDRB0606-102K	1000 $\pm$ 10%	5.56	0.14	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L=-35\%$, $\Delta t=40^{\circ}\text{C}$.

Electrical Specifications-TDRB0805

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB0805-100K	10 $\pm$ 10%	0.07	2.50	1
TDRB0805-120K	12 $\pm$ 10%	0.08	2.40	1
TDRB0805-150K	15 $\pm$ 10%	0.09	2.10	1
TDRB0805-180K	18 $\pm$ 10%	0.10	2.00	1
TDRB0805-220K	22 $\pm$ 10%	0.12	1.70	1
TDRB0805-270K	27 $\pm$ 10%	0.14	1.50	1
TDRB0805-330K	33 $\pm$ 10%	0.17	1.40	1
TDRB0805-390K	39 $\pm$ 10%	0.21	1.30	1
TDRB0805-470K	47 $\pm$ 10%	0.24	1.20	1
TDRB0805-560K	56 $\pm$ 10%	0.31	1.10	1
TDRB0805-680K	68 $\pm$ 10%	0.34	1.00	1
TDRB0805-820K	82 $\pm$ 10%	0.40	0.93	1
TDRB0805-101K	100 $\pm$ 10%	0.52	0.83	1
TDRB0805-121K	120 $\pm$ 10%	0.59	0.76	1
TDRB0805-151K	150 $\pm$ 10%	0.71	0.67	1
TDRB0805-181K	180 $\pm$ 10%	0.89	0.62	1
TDRB0805-221K	220 $\pm$ 10%	1.04	0.54	1
TDRB0805-271K	270 $\pm$ 10%	1.28	0.49	1
TDRB0805-331K	330 $\pm$ 10%	1.47	0.44	1
TDRB0805-391K	390 $\pm$ 10%	1.67	0.41	1
TDRB0805-471K	470 $\pm$ 10%	1.95	0.38	1
TDRB0805-561K	560 $\pm$ 10%	2.83	0.35	1
TDRB0805-681K	680 $\pm$ 10%	3.25	0.32	1
TDRB0805-821K	820 $\pm$ 10%	3.82	0.31	1
TDRB0805-102K	1000 $\pm$ 10%	5.28	0.25	1
TDRB0805-122K	1200 $\pm$ 10%	6.03	0.23	1
TDRB0805-152K	1500 $\pm$ 10%	7.15	0.21	1
TDRB0805-182K	1800 $\pm$ 10%	8.26	0.10	1
TDRB0805-222K	2200 $\pm$ 10%	11.1	0.18	1
TDRB0805-272K	2700 $\pm$ 10%	13.1	0.16	1
TDRB0805-332K	3300 $\pm$ 10%	15.9	0.14	1
TDRB0805-392K	3900 $\pm$ 10%	18.0	0.13	1
TDRB0805-472K	4700 $\pm$ 10%	23.9	0.12	1
TDRB0805-562K	5600 $\pm$ 10%	26.8	0.11	1
TDRB0805-682K	6800 $\pm$ 10%	31.7	0.098	1
TDRB0805-822K	8200 $\pm$ 10%	47.5	0.088	1
TDRB0805-103K	10000 $\pm$ 10%	55.7	0.080	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB0807

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB0807-220K	22±10%	0.08	1.60	1
TDRB0807-270K	27±10%	0.10	1.40	1
TDRB0807-330K	33±10%	0.14	1.30	1
TDRB0807-390K	39±10%	0.15	1.20	1
TDRB0807-470K	47±10%	0.17	1.10	1
TDRB0807-560K	56±10%	0.19	0.99	1
TDRB0807-680K	68±10%	0.21	0.89	1
TDRB0807-820K	82±10%	0.27	0.81	1
TDRB0807-101K	100±10%	0.32	0.74	1
TDRB0807-121K	120±10%	0.36	0.67	1
TDRB0807-151K	150±10%	0.51	0.60	1
TDRB0807-181K	180±10%	0.57	0.55	1
TDRB0807-221K	220±10%	0.76	0.50	1
TDRB0807-271K	270±10%	0.86	0.45	1
TDRB0807-331K	330±10%	0.90	0.41	1
TDRB0807-391K	390±10%	1.28	0.37	1
TDRB0807-471K	470±10%	1.44	0.34	1
TDRB0807-561K	560±10%	1.61	0.31	1
TDRB0807-681K	680±10%	2.07	0.28	1
TDRB0807-821K	820±10%	2.33	0.26	1
TDRB0807-102K	1000±10%	2.72	0.23	1
TDRB0807-122K	1200±10%	3.98	0.21	1
TDRB0807-152K	1500±10%	4.50	0.19	1
TDRB0807-182K	1800±10%	6.81	0.17	1
TDRB0807-222K	2200±10%	7.56	0.16	1
TDRB0807-272K	2700±10%	8.54	0.14	1
TDRB0807-332K	3300±10%	9.74	0.13	1
TDRB0807-392K	3900±10%	12.90	0.12	1
TDRB0807-472K	4700±10%	14.70	0.11	1
TDRB0807-562K	5600±10%	20.40	0.10	1
TDRB0807-682K	6800±10%	23.00	0.09	1
TDRB0807-822K	8200±10%	30.60	0.08	1
TDRB0807-103K	10000±10%	35.00	0.07	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB0809

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB0809-100K	10±10%	0.04	2.70	1
TDRB0809-120K	12±10%	0.05	2.60	1
TDRB0809-150K	15±10%	0.05	2.10	1
TDRB0809-180K	18±10%	0.06	2.00	1
TDRB0809-220K	22±10%	0.06	1.70	1
TDRB0809-270K	27±10%	0.06	1.60	1
TDRB0809-330K	33±10%	0.07	1.40	1
TDRB0809-390K	39±10%	0.08	1.40	1
TDRB0809-470K	47±10%	0.10	1.30	1
TDRB0809-560K	56±10%	0.11	1.20	1
TDRB0809-680K	68±10%	0.14	1.10	1
TDRB0809-820K	82±10%	0.16	1.00	1
TDRB0809-101K	100±10%	0.19	0.90	1
TDRB0809-121K	120±10%	0.22	0.82	1
TDRB0809-151K	150±10%	0.27	0.74	1
TDRB0809-181K	180±10%	0.31	0.71	1
TDRB0809-221K	220±10%	0.38	0.64	1
TDRB0809-271K	270±10%	0.53	0.57	1
TDRB0809-331K	330±10%	0.61	0.51	1
TDRB0809-391K	390±10%	0.69	0.48	1
TDRB0809-471K	470±10%	0.89	0.43	1
TDRB0809-561K	560±10%	1.01	0.40	1
TDRB0809-681K	680±10%	1.18	0.35	1
TDRB0809-821K	820±10%	1.57	0.32	1
TDRB0809-102K	1000±10%	1.84	0.30	1
TDRB0809-122K	1200±10%	2.10	0.27	1
TDRB0809-152K	1500±10%	2.80	0.23	1
TDRB0809-182K	1800±10%	3.21	0.21	1
TDRB0809-222K	2200±10%	4.21	0.19	1
TDRB0809-272K	2700±10%	4.94	0.17	1
TDRB0809-332K	3300±10%	6.16	0.15	1
TDRB0809-392K	3900±10%	6.84	0.14	1
TDRB0809-472K	4700±10%	7.89	0.13	1
TDRB0809-562K	5600±10%	11.5	0.12	1
TDRB0809-682K	6800±10%	13.2	0.11	1
TDRB0809-822K	8200±10%	15.2	0.10	1
TDRB0809-103K	10000±10%	22.0	0.09	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB1006

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB1006-100K	10 $\pm$ 10%	0.040	2.60	1
TDRB1006-120K	12 $\pm$ 10%	0.044	2.30	1
TDRB1006-150K	15 $\pm$ 10%	0.058	2.00	1
TDRB1006-180K	18 $\pm$ 10%	0.064	1.90	1
TDRB1006-220K	22 $\pm$ 10%	0.088	1.80	1
TDRB1006-270K	27 $\pm$ 10%	0.10	1.50	1
TDRB1006-330K	33 $\pm$ 10%	0.11	1.40	1
TDRB1006-390K	39 $\pm$ 10%	0.14	1.20	1
TDRB1006-470K	47 $\pm$ 10%	0.16	1.10	1
TDRB1006-560K	56 $\pm$ 10%	0.19	1.00	1
TDRB1006-680K	68 $\pm$ 10%	0.22	0.90	1
TDRB1006-820K	82 $\pm$ 10%	0.29	0.80	1
TDRB1006-101K	100 $\pm$ 10%	0.32	0.80	1
TDRB1006-121K	120 $\pm$ 10%	0.38	0.70	1
TDRB1006-151K	150 $\pm$ 10%	0.50	0.65	1
TDRB1006-181K	180 $\pm$ 10%	0.56	0.60	1
TDRB1006-221K	220 $\pm$ 10%	0.78	0.55	1
TDRB1006-271K	270 $\pm$ 10%	0.92	0.50	1
TDRB1006-331K	330 $\pm$ 10%	1.10	0.45	1
TDRB1006-391K	390 $\pm$ 10%	1.30	0.40	1
TDRB1006-471K	470 $\pm$ 10%	1.50	0.38	1
TDRB1006-561K	560 $\pm$ 10%	1.90	0.35	1
TDRB1006-681K	680 $\pm$ 10%	2.20	0.32	1
TDRB1006-821K	820 $\pm$ 10%	2.60	0.30	1
TDRB1006-102K	1000 $\pm$ 10%	3.20	0.25	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB1008

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB1008-100K	10 $\pm$ 10%	0.05	2.80	1
TDRB1008-120K	12 $\pm$ 10%	0.06	2.50	1
TDRB1008-150K	15 $\pm$ 10%	0.07	2.30	1
TDRB1008-180K	18 $\pm$ 10%	0.08	2.10	1
TDRB1008-220K	22 $\pm$ 10%	0.09	2.00	1
TDRB1008-270K	27 $\pm$ 10%	0.10	1.76	1
TDRB1008-330K	33 $\pm$ 10%	0.11	1.60	1
TDRB1008-390K	39 $\pm$ 10%	0.12	1.38	1
TDRB1008-470K	47 $\pm$ 10%	0.14	1.28	1
TDRB1008-560K	56 $\pm$ 10%	0.15	1.20	1
TDRB1008-680K	68 $\pm$ 10%	0.16	1.00	1
TDRB1008-820K	82 $\pm$ 10%	0.18	0.96	1
TDRB1008-101K	100 $\pm$ 10%	0.20	0.92	1
TDRB1008-121K	120 $\pm$ 10%	0.24	0.80	1
TDRB1008-151K	150 $\pm$ 10%	0.35	0.73	1
TDRB1008-181K	180 $\pm$ 10%	0.40	0.64	1
TDRB1008-221K	220 $\pm$ 10%	0.54	0.61	1
TDRB1008-271K	270 $\pm$ 10%	0.75	0.56	1
TDRB1008-331K	330 $\pm$ 10%	0.86	0.50	1
TDRB1008-391K	390 $\pm$ 10%	0.93	0.44	1
TDRB1008-471K	470 $\pm$ 10%	1.23	0.41	1
TDRB1008-561K	560 $\pm$ 10%	1.34	0.39	1
TDRB1008-681K	680 $\pm$ 10%	1.53	0.34	1
TDRB1008-821K	820 $\pm$ 10%	2.10	0.32	1
TDRB1008-102K	1000 $\pm$ 10%	2.30	0.28	1

• Special inquiries besides the above common used types can be meet on your requirement.

• $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB1010

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB1010-100K	10 $\pm$ 10%	0.023	3.50	1
TDRB1010-120K	12 $\pm$ 10%	0.024	3.24	1
TDRB1010-150K	15 $\pm$ 10%	0.036	2.88	1
TDRB1010-180K	18 $\pm$ 10%	0.039	2.61	1
TDRB1010-220K	22 $\pm$ 10%	0.042	2.34	1
TDRB1010-270K	27 $\pm$ 10%	0.045	2.16	1
TDRB1010-330K	33 $\pm$ 10%	0.057	1.89	1
TDRB1010-390K	39 $\pm$ 10%	0.076	1.80	1
TDRB1010-470K	47 $\pm$ 10%	0.10	1.62	1
TDRB1010-560K	56 $\pm$ 10%	0.11	1.44	1
TDRB1010-680K	68 $\pm$ 10%	0.15	1.35	1
TDRB1010-820K	82 $\pm$ 10%	0.16	1.26	1
TDRB1010-101K	100 $\pm$ 10%	0.19	1.08	1
TDRB1010-121K	120 $\pm$ 10%	0.21	0.99	1
TDRB1010-151K	150 $\pm$ 10%	0.23	0.90	1
TDRB1010-181K	180 $\pm$ 10%	0.26	0.82	1
TDRB1010-221K	220 $\pm$ 10%	0.29	0.74	1
TDRB1010-271K	270 $\pm$ 10%	0.36	0.67	1
TDRB1010-331K	330 $\pm$ 10%	0.51	0.61	1
TDRB1010-391K	390 $\pm$ 10%	0.69	0.55	1
TDRB1010-471K	470 $\pm$ 10%	0.98	0.51	1
TDRB1010-561K	560 $\pm$ 10%	1.10	0.46	1
TDRB1010-681K	680 $\pm$ 10%	1.20	0.42	1
TDRB1010-821K	820 $\pm$ 10%	1.30	0.38	1
TDRB1010-102K	1000 $\pm$ 10%	1.50	0.35	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-TDRB1014

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
TDRB1014-6R8M	6.8 $\pm$ 20%	0.026	4.30	1
TDRB1014-8R2M	8.2 $\pm$ 20%	0.030	4.10	1
TDRB1014-100K	10 $\pm$ 10%	0.033	4.00	1
TDRB1014-120K	12 $\pm$ 10%	0.035	3.90	1
TDRB1014-150K	15 $\pm$ 10%	0.039	3.70	1
TDRB1014-180K	18 $\pm$ 10%	0.049	3.50	1
TDRB1014-220K	22 $\pm$ 10%	0.051	3.30	1
TDRB1014-270K	27 $\pm$ 10%	0.057	3.10	1
TDRB1014-330K	33 $\pm$ 10%	0.064	2.90	1
TDRB1014-390K	39 $\pm$ 10%	0.074	2.70	1
TDRB1014-470K	47 $\pm$ 10%	0.083	2.50	1
TDRB1014-560K	56 $\pm$ 10%	0.104	2.30	1
TDRB1014-680K	68 $\pm$ 10%	0.117	2.10	1
TDRB1014-820K	82 $\pm$ 10%	0.130	1.90	1
TDRB1014-101K	100 $\pm$ 10%	0.143	1.70	1
TDRB1014-121K	120 $\pm$ 10%	0.195	1.50	1
TDRB1014-151K	150 $\pm$ 10%	0.221	1.40	1
TDRB1014-181K	180 $\pm$ 10%	0.26	1.30	1
TDRB1014-221K	220 $\pm$ 10%	0.35	1.20	1
TDRB1014-271K	270 $\pm$ 10%	0.39	1.10	1
TDRB1014-331K	330 $\pm$ 10%	0.52	1.00	1
TDRB1014-391K	390 $\pm$ 10%	0.57	0.92	1
TDRB1014-471K	470 $\pm$ 10%	0.65	0.84	1
TDRB1014-561K	560 $\pm$ 10%	0.79	0.75	1
TDRB1014-681K	680 $\pm$ 10%	0.96	0.69	1
TDRB1014-821K	820 $\pm$ 10%	1.22	0.62	1
TDRB1014-102K	1000 $\pm$ 10%	1.60	0.52	1
TDRB1014-122K	1200 $\pm$ 10%	2.20	0.46	1
TDRB1014-152K	1500 $\pm$ 10%	2.50	0.41	1
TDRB1014-182K	1800 $\pm$ 10%	2.90	0.36	1
TDRB1014-222K	2200 $\pm$ 10%	3.20	0.32	1
TDRB1014-272K	2700 $\pm$ 10%	3.70	0.29	1
TDRB1014-332K	3300 $\pm$ 10%	5.00	0.27	1
TDRB1014-392K	3900 $\pm$ 10%	5.60	0.25	1
TDRB1014-472K	4700 $\pm$ 10%	7.40	0.23	1
TDRB1014-562K	5600 $\pm$ 10%	8.20	0.21	1
TDRB1014-682K	6800 $\pm$ 10%	11.9	0.19	1
TDRB1014-822K	8200 $\pm$ 10%	14.0	0.17	1
TDRB1014-103K	10000 $\pm$ 10%	16.0	0.16	1

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.