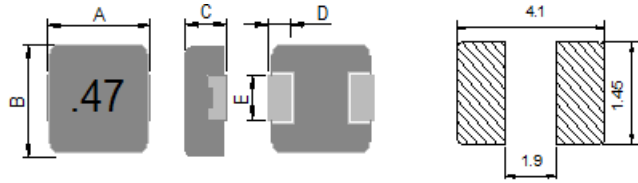


## DIMENSIONS



Recommended Patterns mm

No	Part No.	A	B	C	D	E
1	JRPI 0312M	3.5 ± 0.2	3.2 ± 0.2	1.0 ± 0.2	0.7 ± 0.2	1.2 ± 0.2
2	JRPI 0302M	3.5 ± 0.2	3.2 ± 0.2	1.8 ± 0.2	0.7 ± 0.2	1.2 ± 0.2

## SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ)		I sat (A) Typ.	I rms (A) Typ.
				Typ.	Max.		
1	JRPI 0312M-R47M	0.47	±20	25	30	7.2	5.0
2	JRPI 0312M-R56M	0.56	±20	31	36	6.6	4.5
3	JRPI 0312M-R68M	0.68	±20	34	40	6.1	4.0
4	JRPI 0312M-R82M	0.82	±20	41	48	5.8	3.5
5	JRPI 0312M-1R0M	1.00	±20	50	60	5.5	3.3
6	JRPI 0312M-1R5M	1.50	±20	71	85	4.0	3.0
7	JRPI 0312M-2R2M	2.20	±20	98	115	3.4	2.7
8	JRPI 0312M-3R3M	3.30	±20	191	210	3.1	2.0
9	JRPI 0312M-4R7M	4.70	±20	266	293	2.8	1.6
10	JRPI 0312M-5R6M	5.60	±20	310	360	2.2	1.5
11	JRPI 0312M-6R8M	6.80	±20	360	400	2.0	1.4
12	JRPI 0312M-8R2M	8.20	±20	420	463	1.7	1.2
13	JRPI 0312M-100M	10.0	±20	498	550	1.4	1.0
1	JRPI 0302M-R10N	0.10	±30	6.6	9	14.0	10.5
2	JRPI 0302M-R22N	0.22	±30	11.0	14	11.2	9.0
3	JRPI 0302M-R33M	0.33	±20	17.0	21	10.0	8.0
4	JRPI 0302M-R47M	0.47	±20	19.7	23	9.0	7.0
5	JRPI 0302M-R68M	0.68	±20	25.5	29	7.0	5.5
6	JRPI 0302M-1R0M	1.00	±20	32	38	5.0	4.0
7	JRPI 0302M-1R5M	1.50	±20	42	50	4.0	3.8
8	JRPI 0302M-2R2M	2.20	±20	65	75	3.7	3.5
9	JRPI 0302M-3R3M	3.30	±20	125	145	3.5	3.0
10	JRPI 0302M-4R7M	4.70	±20	172	200	3.0	2.6
11	JRPI 0302M-5R6M	5.60	±20	205	238	2.6	2.2
12	JRPI 0302M-6R8M	6.80	±20	260	300	2.2	1.9
13	JRPI 0302M-8R2M	8.20	±20	340	390	1.9	1.6
14	JRPI 0302M-100M	10.0	±20	366	422	1.6	1.4

Note:

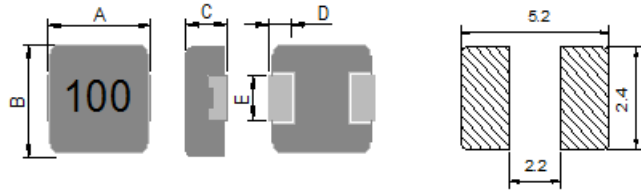
1. Test Frequency: 100KHz /1V
2. All test data referenced to 25°C ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
5. The part temperature (ambient + temp rise) should not exceed 125°C. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

## ■ FEATURES

- Suitable for applications with ultra high current.
- High mechanical body.



## DIMENSIONS



Recommended Patterns mm

No	Part No.	A	B	C	D	E
1	JRPI 0412M	4.45 ± 0.25	4.06 ± 0.25	1.0 ± 0.2	0.76 ± 0.3	2.0 ± 0.2
2	JRPI 0418M	4.45 ± 0.25	4.06 ± 0.25	1.6 ± 0.2	0.76 ± 0.3	2.0 ± 0.2
3	JRPI 0402M	4.45 ± 0.25	4.06 ± 0.25	1.8 ± 0.2	0.76 ± 0.3	2.0 ± 0.2

## SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ)		I sat (A) Typ.	I rms (A) Typ.
				Typ.	Max.		
1	JRPI 0412M-R10N	0.10	±30	4.3	5.5	25.0	11.5
2	JRPI 0412M-R15N	0.15	±30	5.5	6.8	21.5	10.0
3	JRPI 0412M-R22M	0.22	±20	6.6	8.0	20.0	8.5
4	JRPI 0412M-R33M	0.33	±20	13.6	16.0	11.0	7.0
5	JRPI 0412M-R36M	0.36	±20	15.5	18.0	8.5	6.5
6	JRPI 0412M-R47M	0.47	±20	18.0	20.0	6.5	6.0
7	JRPI 0412M-R60M	0.60	±20	22.5	26.0	6.0	5.3
8	JRPI 0412M-R68M	0.68	±20	32.0	37.0	6.0	5.0
9	JRPI 0412M-1R0M	1.00	±20	41.0	47.0	6.0	4.0
10	JRPI 0412M-1R2M	1.20	±20	48.0	56.0	5.0	3.5
11	JRPI 0412M-1R5M	1.50	±20	55.0	63.3	4.0	3.0
12	JRPI 0412M-2R2M	2.20	±20	69.2	80	3.5	2.8
13	JRPI 0412M-3R3M	3.30	±20	84.0	97	3.0	2.3
14	JRPI 0412M-4R7M	4.70	±20	128	145	2.5	2.0
15	JRPI 0412M-5R6M	5.60	±20	180	208	2.3	1.7
16	JRPI 0412M-6R8M	6.80	±20	300	360	1.7	1.5
17	JRPI 0412M-8R2M	8.20	±20	313	376	1.6	1.4
18	JRPI 0412M-100M	10.0	±20	410	463	1.4	1.3
19	JRPI 0412M-220M	22.0	±20	950	1050	1.0	0.8
1	JRPI 0418M-R56M	0.56	±20	16	20	9.0	6.0
2	JRPI 0418M-R68M	0.68	±20	18.5	22	8.5	5.8
3	JRPI 0418M-1R0M	1.00	±20	24.5	30	6.9	4.8
4	JRPI 0418M-2R2M	2.20	±20	39	45	4.2	3.5
5	JRPI 0418M-3R3M	3.30	±20	82	100	3.6	3.0
6	JRPI 0418M-4R7M	4.70	±20	106	130	3.0	2.3
7	JRPI 0418M-5R6M	5.60	±20	125	150	2.8	2.1
8	JRPI 0418M-6R8M	6.80	±20	150	180	2.6	1.95
9	JRPI 0418M-8R2M	8.20	±20	198	235	2.4	1.80
10	JRPI 0418M-100M	10.0	±20	220	265	2.1	1.65
1	JRPI 0402M-R10N	0.10	±30	3.2	4.0	35.0	12.0
2	JRPI 0402M-R18N	0.18	±30	4.6	5.4	28.0	13.5
3	JRPI 0402M-R22N	0.22	±30	6.6	7.3	24.0	13.0
4	JRPI 0402M-R33M	0.33	±20	7.8	8.6	18.0	10.0
5	JRPI 0402M-R47M	0.47	±20	11.2	14	12.0	8.0
6	JRPI 0402M-R56M	0.56	±20	13.5	16	10.0	7.3
7	JRPI 0402M-R68M	0.68	±20	16	19	10.0	7.0
8	JRPI 0402M-1R0M	1.00	±20	22	27	8.5	5.0
9	JRPI 0402M-1R2M	1.20	±20	25	30	7.8	4.8
10	JRPI 0402M-1R5M	1.50	±20	35	42	7.0	4.5
11	JRPI 0402M-2R2M	2.20	±20	51	61	6.0	4.0
12	JRPI 0402M-3R3M	3.30	±20	69	76	4.0	3.5
13	JRPI 0402M-4R7M	4.70	±20	95	105	3.5	2.6
14	JRPI 0402M-5R6M	5.60	±20	112	125	3.0	2.2

15	JRPI 0402M-6R8M	6.80	±20	150	172	2.8	2.1
16	JRPI 0402M-8R2M	8.20	±20	158	180	2.5	2.0
17	JRPI 0402M-100M	10.0	±20	215	243	2.3	1.8
18	JRPI 0402M-150M	15.0	±20	325	374	1.9	1.5
19	JRPI 0402M-220M	22.0	±20	470	500	1.4	1.2

Note:

1. Test Frequency: 100KHz /1V
2. All test data referenced to 25°C ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C
5. The part temperature (ambient + temp rise) should not exceed 125°C. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

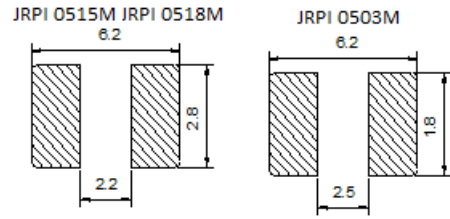
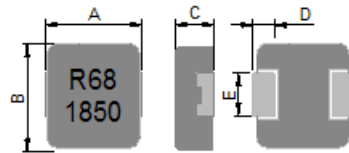
## ■ FEATURES

- Suitable for applications with ultra high current.
- High mechanical body.



# JRPI 0515M/0518M/0503M series

## DIMENSIONS



Recommended Patterns mm

No	Part No.	A	B	C	D	E
1	JRPI 0515M	5.7 ± 0.3	5.2 ± 0.2	1.3 ± 0.2	1.1 ± 0.3	2.5 ± 0.3
2	JRPI 0518M	5.7 ± 0.3	5.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.3	2.5 ± 0.3
3	JRPI 0503M	5.7 ± 0.3	5.2 ± 0.2	2.8 ± 0.2	1.1 ± 0.3	1.5 ± 0.2

## SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ)		I sat (A) Typ.	I rms (A) Typ.
				Typ.	Max.		
1	JRPI 0515M-R12N	0.12	±30	3.3	3.9	17.0	28.0
2	JRPI 0515M-R15N	0.15	±30	3.6	4.1	16.0	25.0
3	JRPI 0515M-R20N	0.20	±30	3.8	4.2	15.0	22.5
4	JRPI 0515M-R22N	0.22	±30	5.0	6.5	12.0	20.0
5	JRPI 0515M-R33M	0.33	±20	8.5	9.8	9.0	16.0
6	JRPI 0515M-R36M	0.36	±20	10.0	12.5	8.5	15.5
7	JRPI 0515M-R47M	0.47	±20	12.0	13.8	8.0	15.0
8	JRPI 0515M-R68M	0.68	±20	14.0	16.2	7.0	13.0
9	JRPI 0515M-1R0M	1.00	±20	22.0	25.3	6.0	9.0
10	JRPI 0515M-1R5M	1.50	±20	39.0	45.0	4.5	7.0
11	JRPI 0515M-2R2M	2.20	±20	45.0	52.0	4.0	6.0
12	JRPI 0515M-3R3M	3.30	±20	78.0	90.0	3.2	4.5
13	JRPI 0515M-4R7M	4.70	±20	103	118	2.7	4.0
14	JRPI 0515M-5R6M	5.60	±20	126	152	2.4	3.2
15	JRPI 0515M-6R8M	6.80	±20	142	171	2.3	3.0
16	JRPI 0515M-8R2M	8.20	±20	175	210	2.1	2.6
17	JRPI 0515M-100M	10.0	±20	210	235	2.0	2.3
18	JRPI 0515M-150M	15.0	±20	310	380	1.6	2.0
19	JRPI 0515M-220M	22.0	±20	405	466	1.2	1.7
1	JRPI 0518M-R20N	0.20	±30	3.6	4.1	25.0	14.0
2	JRPI 0518M-R22M	0.22	±20	4.2	5.0	22.0	13.0
3	JRPI 0518M-R33M	0.33	±20	7.5	8.6	15.0	11.0
4	JRPI 0518M-R47M	0.47	±20	9.8	11.3	14.0	10.0
5	JRPI 0518M-R56M	0.56	±20	11.0	13.0	13.5	9.5
6	JRPI 0518M-R68M	0.68	±20	12.4	14.3	13.0	9.0
7	JRPI 0518M-1R0M	1.00	±20	18.2	21	10.0	6.8
8	JRPI 0518M-1R5M	1.50	±20	26	30	9.0	6.0
9	JRPI 0518M-2R2M	2.20	±20	42	48	7.5	4.5
10	JRPI 0518M-3R3M	3.30	±20	60	69	5.0	3.5
11	JRPI 0518M-4R7M	4.70	±20	85	98	4.5	3.0
12	JRPI 0518M-5R6M	5.60	±20	110	127	4.0	2.5
13	JRPI 0518M-6R8M	6.80	±20	118	137	3.5	2.4
14	JRPI 0518M-8R2M	8.20	±20	143	165	3.0	2.3
15	JRPI 0518M-100M	10.0	±20	165	190	2.8	2.3
16	JRPI 0518M-150M	15.0	±20	275	318	2.3	1.7
1	JRPI 0503M-R10N	0.10	±30	2.50	3.00	27.0	23.0
2	JRPI 0503M-R20M	0.20	±20	2.60	3.20	25.0	16.0
3	JRPI 0503M-R22M	0.22	±20	3.70	4.40	21.0	15.5
4	JRPI 0503M-R33M	0.33	±20	4.30	5.00	18.0	14.0
5	JRPI 0503M-R47M	0.47	±20	6.40	7.40	16.0	12.0
6	JRPI 0503M-R56M	0.56	±20	8.00	10.0	15.0	10.0
7	JRPI 0503M-R68M	0.68	±20	10.0	12.0	14.0	8.50
8	JRPI 0503M-1R0M	1.00	±20	13.0	14.0	11.0	7.00

9	JRPI 0503M-1R2M	1.20	±20	14.0	16.0	11.0	6.50
10	JRPI 0503M-1R5M	1.50	±20	16.0	25.0	10.0	6.00
11	JRPI 0503M-2R2M	2.20	±20	25.0	35.0	9.00	5.50
12	JRPI 0503M-3R3M	3.30	±20	32.0	38.0	8.00	5.00
13	JRPI 0503M-4R7M	4.70	±20	50.0	53.0	6.00	4.60
14	JRPI 0503M-5R6M	5.60	±20	55.0	63.0	4.50	4.25
15	JRPI 0503M-6R8M	6.80	±20	68.0	76.2	4.30	4.00
16	JRPI 0503M-100M	10.0	±20	110	128	3.50	2.75
17	JRPI 0503M-150M	15.0	±20	165	190	2.60	2.10
18	JRPI 0503M-180M	18.0	±20	195	230	2.30	2.00
19	JRPI 0503M-220M	22.0	±20	220	250	1.70	1.90
20	JRPI 0503M-330M	33.0	±20	380	440	1.60	1.60

Note:

1. Test Frequency: 100KHz /1V
2. All test data referenced to 25°C ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
5. The part temperature (ambient + temp rise) should not exceed 125°C. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

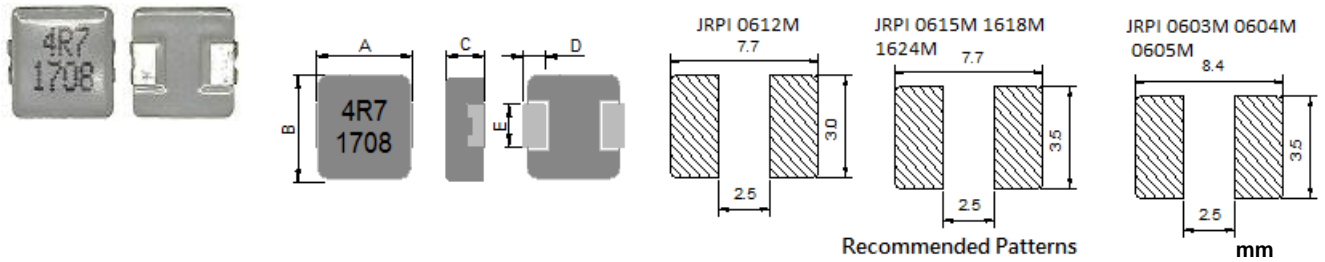
## ■ FEATURES

- Suitable for applications with ultra high current.
- High mechanical body.



# JRPI 0612M/0615M/0618M/0624M/0603M /0604M/0605M series

## DIMENSIONS



No	Part No.	A	B	C	D	E
1	JRPI 0612M	7.0 ± 0.3	6.6 ± 0.3	1.0 ± 0.2	1.8 ± 0.3	2.5 ± 0.3
2	JRPI 0615M	7.0 ± 0.3	6.6 ± 0.3	1.3 ± 0.2	1.8 ± 0.3	3.0 ± 0.3
3	JRPI 0618M	7.0 ± 0.3	6.6 ± 0.3	1.6 ± 0.2	1.8 ± 0.3	3.0 ± 0.3
4	JRPI 0624M	7.3 ± 0.3	6.6 ± 0.3	2.2 ± 0.2	1.8 ± 0.3	3.0 ± 0.3
5	JRPI 0603M	7.3 ± 0.3	6.6 ± 0.3	2.8 ± 0.2	1.8 ± 0.3	3.0 ± 0.3
6	JRPI 0604M	7.3 ± 0.3	6.6 ± 0.3	3.8 ± 0.2	1.8 ± 0.3	3.0 ± 0.3
7	JRPI 0605M	7.3 ± 0.3	6.6 ± 0.3	4.8 ± 0.2	1.8 ± 0.3	3.0 ± 0.3

## SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ)		I sat (A) Typ.	I rms (A) Typ.
				Typ.	Max.		
1	JRPI 0612M-R10N	0.10	±30	3.3	4.0	30	16
2	JRPI 0612M-R15N	0.15	±30	4.9	5.7	24	14
3	JRPI 0612M-R22N	0.22	±30	6.5	7.5	19	11
4	JRPI 0612M-R33M	0.33	±20	9.0	10	16	9.5
5	JRPI 0612M-R47M	0.47	±20	13	17	12	8.5
6	JRPI 0612M-R68M	0.68	±20	17	19	9.0	7.0
7	JRPI 0612M-1R0M	1.00	±20	27	30	7.0	6.0
8	JRPI 0612M-1R2M	1.20	±20	31	36	6.8	5.0
9	JRPI 0612M-1R5M	1.50	±20	35	40	6.5	4.5
10	JRPI 0612M-2R2M	2.20	±20	53	61	5.0	4.0
11	JRPI 0612M-3R3M	3.30	±20	90	103	4.0	3.2
12	JRPI 0612M-4R7M	4.70	±20	130	150	3.8	2.5
13	JRPI 0612M-6R8M	6.80	±20	172	198	3.0	2.1
14	JRPI 0612M-100M	10.0	±20	280	290	2.5	1.8
15	JRPI 0612M-180M	18.0	±20	490	540	2.0	1.35
16	JRPI 0612M-220M	22.0	±20	540	600	1.7	1.2
1	JRPI 0615M-R10N	0.10	±30	2.5	3.1	35.0	17.5
2	JRPI 0615M-R12N	0.12	±30	3.0	3.6	30.0	17.0
3	JRPI 0615M-R15N	0.15	±30	3.7	4.5	25.0	16.0
4	JRPI 0615M-R20N	0.20	±30	3.9	4.6	24.0	14.5
5	JRPI 0615M-R22N	0.22	±30	4.3	5.2	22.0	14.0
6	JRPI 0615M-R33M	0.33	±20	6.6	7.6	18.0	11.0
7	JRPI 0615M-R47M	0.47	±20	9.0	10.3	16.0	9.5
8	JRPI 0615M-R56M	0.56	±20	12.5	14.0	15.5	9.0
9	JRPI 0615M-R68M	0.68	±20	13.8	15.2	15.0	7.5
10	JRPI 0615M-R82M	0.82	±20	20.0	24.0	14.0	7.0
11	JRPI 0615M-1R0M	1.00	±20	23.0	25.8	12.0	6.5
12	JRPI 0615M-1R2M	1.20	±20	29.0	34.0	10.5	5.6
13	JRPI 0615M-1R5M	1.50	±20	37.0	42.5	9.5	5.0
14	JRPI 0615M-2R2M	2.20	±20	48.0	55.0	6.5	4.5
15	JRPI 0615M-3R3M	3.30	±20	62.0	74.0	6.0	4.2
16	JRPI 0615M-4R7M	4.70	±20	96.0	111	5.0	3.8
17	JRPI 0615M-5R6M	5.60	±20	115	138	4.5	3.0
18	JRPI 0615M-6R8M	6.80	±20	128	148	3.5	2.6
19	JRPI 0615M-8R2M	8.20	±20	153	184	3.2	2.4

20	JRPI 0615M-100M	10.0	±20	180	216	2.8	2.3
21	JRPI 0615M-220M	22.0	±20	420	504	2.5	1.5
22	JRPI 0615M-330M	33.0	±20	640	750	2.0	1.2
1	JRPI 0618M-R10N	0.10	±30	2.1	2.5	45.0	18.0
2	JRPI 0618M-R15N	0.15	±30	2.2	2.6	34.0	18.0
3	JRPI 0618M-R18N	0.18	±30	2.5	3.0	32.0	17.0
4	JRPI 0618M-R22M	0.22	±20	2.5	3.0	26.0	16.0
5	JRPI 0618M-R33M	0.33	±20	4.8	5.8	22.0	14.0
6	JRPI 0618M-R47M	0.47	±20	6.4	7.4	18.0	12.0
7	JRPI 0618M-R56M	0.56	±20	8.5	10	17.5	11.0
8	JRPI 0618M-R68M	0.68	±20	9.5	11	17.0	10.0
9	JRPI 0618M-R82M	0.82	±20	11.5	14	15.5	8.5
10	JRPI 0618M-1R0M	1.00	±20	14.5	17	14.0	7.0
11	JRPI 0618M-1R2M	1.20	±20	20	24	13.5	6.5
12	JRPI 0618M-1R5M	1.50	±20	21	25.2	13.0	6.0
13	JRPI 0618M-2R2M	2.20	±20	31	35	11.0	6.0
14	JRPI 0618M-3R3M	3.30	±20	40	46	9.0	5.0
15	JRPI 0618M-4R7M	4.70	±20	68	76	7.0	4.0
16	JRPI 0618M-5R6M	5.60	±20	78	86	6.0	3.5
17	JRPI 0618M-6R8M	6.80	±20	93	104	5.5	3.0
18	JRPI 0618M-8R2M	8.20	±20	123	140	4.5	2.6
19	JRPI 0618M-100M	10.0	±20	143	160	3.5	2.3
20	JRPI 0618M-150M	15.0	±20	240	280	3.0	2.0
21	JRPI 0618M-220M	22.0	±20	300	360	2.5	1.8
22	JRPI 0618M-330M	33.0	±20	550	650	2.1	1.3
1	JRPI 0624M-R10N	0.10	±30	1.4	1.7	70.0	30.0
2	JRPI 0624M-R15N	0.15	±30	1.8	2.3	45.0	30.0
3	JRPI 0624M-R20M	0.20	±20	1.9	2.8	40.0	23.0
4	JRPI 0624M-R22M	0.22	±20	2.0	3.2	34.0	21.0
5	JRPI 0624M-R33M	0.33	±20	3.6	4.4	30.0	18.0
6	JRPI 0624M-R36M	0.36	±20	3.8	4.6	29.0	17.0
7	JRPI 0624M-R47M	0.47	±20	4.8	5.1	26.0	15.0
8	JRPI 0624M-R56M	0.56	±20	5.5	6.5	24.0	13.0
9	JRPI 0624M-R60M	0.60	±20	5.7	6.9	22.0	13.0
10	JRPI 0624M-R68M	0.68	±20	6.4	7.2	21.0	13.0
11	JRPI 0624M-R82M	0.82	±20	8.0	9.5	17.0	11.0
12	JRPI 0624M-1R0M	1.00	±20	10.5	13.5	16.0	11.0
13	JRPI 0624M-1R5M	1.50	±20	17.0	20.0	15.0	9.0
14	JRPI 0624M-2R2M	2.20	±20	23.0	28.0	14.0	7.0
15	JRPI 0624M-3R3M	3.30	±20	34.0	39.0	10.0	6.0
16	JRPI 0624M-4R7M	4.70	±20	41.0	50.0	9.0	5.5
17	JRPI 0624M-5R6M	5.60	±20	56.0	62.0	8.0	5.0
18	JRPI 0624M-6R8M	6.80	±20	65.0	72.0	7.0	4.0
19	JRPI 0624M-8R2M	8.20	±20	81.0	95.0	6.0	3.6
20	JRPI 0624M-100M	10.0	±20	92.0	101.0	5.0	3.2
21	JRPI 0624M-150M	15.0	±20	150.0	180.0	3.5	2.5
22	JRPI 0624M-220M	22.0	±20	185.0	215.0	3.0	1.8
1	JRPI 0603M-R10N	0.10	±30	1.2	1.7	60.0	32.5
2	JRPI 0603M-R15N	0.15	±30	1.5	1.9	45.0	27.0
3	JRPI 0603M-R16N	0.13	±30	1.5	1.9	45.0	27.0
4	JRPI 0603M-R20N	0.20	±30	1.8	2.5	41.0	24.0
5	JRPI 0603M-R22N	0.22	±30	2.1	2.8	40.0	23.0
6	JRPI 0603M-R30M	0.30	±20	3.2	3.8	35.0	21.0
7	JRPI 0603M-R33M	0.33	±20	3.5	3.9	32.0	20.0
8	JRPI 0603M-R36M	0.36	±20	3.6	4.2	32.0	19.0
9	JRPI 0603M-R47M	0.47	±20	4.0	4.2	26.0	17.5
10	JRPI 0603M-R56M	0.56	±20	4.7	5.0	25.5	16.5
11	JRPI 0603M-R60M	0.60	±20	4.7	5.2	25.5	16.0
12	JRPI 0603M-R68M	0.68	±20	4.8	5.5	25.0	15.5
13	JRPI 0603M-R75M	0.75	±20	5.5	6.6	24.5	14.5
14	JRPI 0603M-R82M	0.82	±20	6.7	8.0	24.0	13.0
15	JRPI 0603M-1R0M	1.00	±20	8.3	10	22.0	11.0
16	JRPI 0603M-1R2M	1.20	±20	10	12	20.0	10.0
17	JRPI 0603M-1R5M	1.50	±20	13	15	18.0	9.0
18	JRPI 0603M-1R8M	1.80	±20	14	17	16.0	8.5
19	JRPI 0603M-2R0M	2.00	±20	16	19	15.0	8.2
20	JRPI 0603M-2R2M	2.20	±20	18	20	14.0	8.0



21	JRPI 0603M-2R5M	2.50	±20	20	22	13.0	7.0
22	JRPI 0603M-3R3M	3.30	±20	28	30	13.5	6.0
23	JRPI 0603M-4R7M	4.70	±20	37	40	10.0	5.5
24	JRPI 0603M-5R6M	5.60	±20	43	48	9.0	5.0
25	JRPI 0603M-6R8M	6.80	±20	54	60	8.0	4.5
26	JRPI 0603M-8R2M	8.20	±20	64	68	7.5	4.0
27	JRPI 0603M-100M	10.0	±20	75	85	6.0	3.5
28	JRPI 0603M-120M	12.0	±20	81	93	5.5	3.3
29	JRPI 0603M-150M	15.0	±20	107	123	4.0	3.0
30	JRPI 0603M-220M	22.0	±20	165	190	3.5	2.0
31	JRPI 0603M-330M	33.0	±20	200	240	2.5	2.0
32	JRPI 0603M-470M	47.0	±20	302	363	2.0	1.75
1	JRPI 0604M-R12N	0.12	±30	0.7	1.0	64.0	32.0
2	JRPI 0604M-R15N	0.15	±30	0.9	1.2	55.0	30.0
3	JRPI 0604M-R22M	0.22	±20	1.85	2.1	34.0	25.0
4	JRPI 0604M-R33M	0.33	±20	2.0	2.6	34.0	25.0
5	JRPI 0604M-R36M	0.36	±20	2.7	3.1	31.0	25.0
6	JRPI 0604M-R47M	0.47	±20	3.0	3.4	28.0	23.0
7	JRPI 0604M-R56M	0.56	±20	3.8	4.3	26.0	20.0
8	JRPI 0604M-R68M	0.68	±20	4.1	4.5	24.0	16.0
9	JRPI 0604M-R82M	0.82	±20	5.5	6.3	15.0	23.0
10	JRPI 0604M-1R0M	1.00	±20	6.8	8.0	22.0	14.0
11	JRPI 0604M-1R5M	1.50	±20	10	12	20.0	12.0
12	JRPI 0604M-2R2M	2.20	±20	11.5	14	14.0	9.0
13	JRPI 0604M-3R3M	3.30	±20	24	27	12.0	8.0
14	JRPI 0604M-4R7M	4.70	±20	28	32.5	11.0	6.0
15	JRPI 0604M-5R6M	5.60	±20	33	38	9.0	5.0
16	JRPI 0604M-6R8M	6.80	±20	44	50	8.5	4.5
17	JRPI 0604M-8R2M	8.20	±20	55	64	8.0	4.5
18	JRPI 0604M-100M	10.0	±20	64	72	7.0	4.0
19	JRPI 0604M-150M	15.0	±20	80	90	3.5	3.0
20	JRPI 0604M-220M	22.0	±20	120	145	3.5	2.5
21	JRPI 0604M-330M	33.0	±20	180	210	3.2	1.8
22	JRPI 0604M-470M	47.0	±20	295	350	2.5	1.8
1	JRPI 0605M-R10N	0.10	±30	0.65	0.78	65.0	32.0
2	JRPI 0605M-R11N	0.11	±30	0.65	0.78	65.0	32.0
3	JRPI 0605M-R15N	0.15	±30	1.3	1.7	50.0	30.0
4	JRPI 0605M-R22M	0.22	±20	1.6	1.9	35.0	25.0
5	JRPI 0605M-R33M	0.33	±20	2.5	3.0	32.0	25.0
6	JRPI 0605M-R40M	0.40	±20	3.1	3.7	31.0	23.0
7	JRPI 0605M-R47M	0.47	±20	3.5	3.9	30.0	22.0
8	JRPI 0605M-R56M	0.56	±20	3.6	4.2	27.0	20.0
9	JRPI 0605M-R60M	0.60	±20	3.8	4.3	25.0	19.0
10	JRPI 0605M-R68M	0.68	±20	4.0	4.5	24.0	18.0
11	JRPI 0605M-R82M	0.82	±20	4.6	4.9	22.0	16.5
12	JRPI 0605M-1R0M	1.00	±20	6.1	6.5	20.0	15.0
13	JRPI 0605M-1R2M	1.20	±20	6.7	7.5	18.0	14.0
14	JRPI 0605M-1R5M	1.50	±20	8.6	9.0	16.5	12.0
15	JRPI 0605M-1R8M	1.80	±20	9.5	11.0	15.0	12.0
16	JRPI 0605M-2R2M	2.20	±20	11.2	12.0	14.0	10.0
17	JRPI 0605M-3R3M	3.30	±20	19	20.9	12.0	8.0
18	JRPI 0605M-4R7M	4.70	±20	28	30.8	10.0	6.5
19	JRPI 0605M-4R9M	4.90	±20	32	38	9.5	6.3
20	JRPI 0605M-5R6M	5.60	±20	43.5	49	9.0	6.0
21	JRPI 0605M-6R8M	6.80	±20	46	51.5	8.5	5.5
22	JRPI 0605M-8R2M	8.20	±20	56	63	8.0	5.0
23	JRPI 0605M-100M	10.0	±20	60	69	7.5	4.0
24	JRPI 0605M-120M	12.0	±20	68	80	6.7	3.8
25	JRPI 0605M-150M	15.0	±20	81	92	6.0	3.5
26	JRPI 0605M-220M	22.0	±20	140	170	5.5	2.5
27	JRPI 0605M-330M	33.0	±20	173	200	3.5	2.0
28	JRPI 0605M-420M	42.0	±20	212	245	2.8	2.0
29	JRPI 0605M-470M	47.0	±20	290	330	2.7	1.9
30	JRPI 0605M-560M	56.0	±20	342	396	2.1	1.6
31	JRPI 0605M-680M	68.0	±20	386	445	2.0	1.2

Note:

1. Test Frequency: 100KHz /1V
2. All test data referenced to 25°C ambient

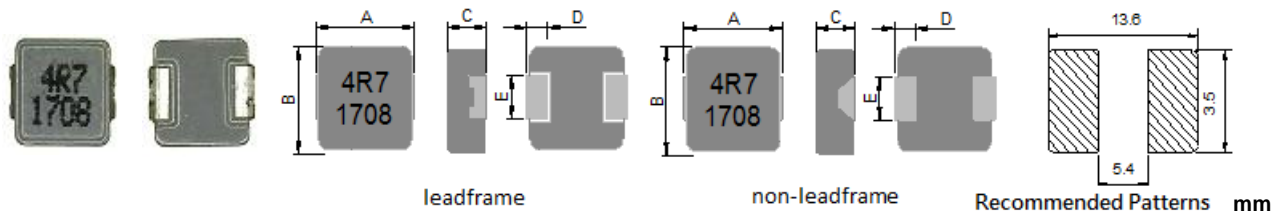
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately  $\Delta T$  of 40°C
5. The part temperature (ambient + temp rise) should not exceed 125°C. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

## ■ FEATURES

- Suitable for applications with ultra high current.
- High mechanical body.



## DIMENSIONS



No	Part No.	A	B	C	D	E
1	JRPI 1004M	11.0 ± 0.5	10.0 ± 0.3	3.8 ± 0.2	2.3 ± 0.3	3.0 ± 0.3
2	JRPI 1005M	11.0 ± 0.5	10.0 ± 0.3	4.8 ± 0.2	2.3 ± 0.3	3.0 ± 0.3

## SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ)		I sat (A) Typ.	I rms (A) Typ.	Type
				Typ.	Max.			
1	JRPI 1004M-R15N	0.15	±30	0.50	0.60	75.0	43.0	non-leadframe
2	JRPI 1004M-R18N	0.18	±30	0.54	0.80	72.0	38.0	non-leadframe
3	JRPI 1004M-R20N	0.20	±30	0.66	0.95	70.0	35.0	non-leadframe
4	JRPI 1004M-R22M	0.22	±20	0.80	1.00	60.0	35.0	non-leadframe
5	JRPI 1004M-R27M	0.27	±20	0.82	1.00	60.0	33.0	non-leadframe
6	JRPI 1004M-R30M	0.30	±20	0.94	1.10	60.0	32.0	non-leadframe
7	JRPI 1004M-R33M	0.33	±20	1.00	1.20	60.0	31.0	non-leadframe
8	JRPI 1004M-R36M	0.36	±20	1.05	1.20	60.0	31.0	non-leadframe
9	JRPI 1004M-R39M	0.39	±20	1.10	1.30	60.0	30.0	non-leadframe
10	JRPI 1004M-R45M	0.45	±20	1.30	1.50	45.0	29.0	non-leadframe
11	JRPI 1004M-R47M	0.47	±20	1.30	1.50	43.0	28.0	non-leadframe
12	JRPI 1004M-R56M	0.56	±20	1.60	1.80	40.0	25.0	non-leadframe
13	JRPI 1004M-R68M	0.68	±20	2.40	2.70	39.0	22.0	non-leadframe
14	JRPI 1004M-R75M	0.75	±20	2.40	2.70	39.0	22.0	non-leadframe
15	JRPI 1004M-1R0M	1.00	±20	3.00	3.30	36.0	18.0	non-leadframe
16	JRPI 1004M-1R2M	1.20	±20	3.30	3.80	33.0	17.0	non-leadframe
17	JRPI 1004M-1R5M	1.50	±20	4.00	4.60	33.0	16.0	non-leadframe
18	JRPI 1004M-2R2M	2.20	±20	6.50	7.00	27.0	12.0	leadframe
19	JRPI 1004M-2R5M	2.50	±20	7.90	8.70	23.0	11.5	leadframe
20	JRPI 1004M-3R3M	3.30	±20	10.8	11.8	20.0	11.0	leadframe
21	JRPI 1004M-4R0M	4.00	±20	13.0	15.0	18.0	10.2	leadframe
22	JRPI 1004M-4R7M	4.70	±20	15.0	15.5	17.0	10.0	leadframe
23	JRPI 1004M-5R6M	5.60	±20	17.0	19.3	14.0	9.0	leadframe
24	JRPI 1004M-6R8M	6.80	±20	17.5	23.3	13.5	8.5	leadframe
25	JRPI 1004M-8R2M	8.20	±20	20.0	22.5	12.5	8.0	leadframe
26	JRPI 1004M-100M	10.0	±20	27.0	30.0	12.0	7.5	leadframe
27	JRPI 1004M-150M	15.0	±20	40.0	45.0	10.0	6.25	leadframe
28	JRPI 1004M-220M	22.0	±20	64.0	74.0	7.0	5.0	leadframe
29	JRPI 1004M-270M	27.0	±20	86.0	100	6.0	4.0	leadframe
30	JRPI 1004M-330M	33.0	±20	92.0	112	5.0	3.5	leadframe
31	JRPI 1004M-470M	47.0	±20	145	167	4.5	3.0	leadframe
32	JRPI 1004M-680M	68.0	±20	205	240	3.0	2.0	leadframe

33	JRPI 1004M-820M	82.0	±20	265	320	2.5	1.5	leadframe
1	JRPI 1005M-R22M	0.22	±20	0.45	0.50	70	45	non-leadframe
2	JRPI 1005M-R30M	0.30	±20	0.57	0.61	65	38	non-leadframe
3	JRPI 1005M-1R0M	1.00	±20	2.8	3.5	30	22	non-leadframe
4	JRPI 1005M-1R2M	1.20	±20	2.9	3.5	28	20	non-leadframe
5	JRPI 1005M-1R3M	1.30	±20	3.2	3.7	28	20	non-leadframe
6	JRPI 1005M-1R5M	1.50	±20	3.5	4.1	27	19	non-leadframe
7	JRPI 1005M-2R2M	2.20	±20	5.4	6.0	24	16	leadframe
8	JRPI 1005M-3R3M	3.30	±20	9.0	10.4	22	14	leadframe
9	JRPI 1005M-8R2M	8.20	±20	18.5	24	14.5	9.0	leadframe
10	JRPI 1005M-100M	10.0	±20	25	29	13.5	8.0	leadframe
11	JRPI 1005M-150M	15.0	±20	37	45	9.5	5.5	leadframe
12	JRPI 1005M-220M	22.0	±20	50	60	9.0	5.0	leadframe
13	JRPI 1005M-240M	24.0	±20	59	70.8	7.7	4.6	leadframe
14	JRPI 1005M-330M	33.0	±20	80	92	7.5	4.3	leadframe
15	JRPI 1005M-470M	47.0	±20	125	145	6.5	3.8	leadframe
16	JRPI 1005M-680M	68.0	±20	176	205	4.0	2.5	leadframe
17	JRPI 1005M-101M	100	±20	315	380	3.0	2.0	leadframe

Note:

1. Test Frequency: 100KHz /1V

2. All test data referenced to 25°C ambient

3. Saturation Current (Isat) will cause L0 to drop approximately 30%.

4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

5. The part temperature (ambient + temp rise) should not exceed 125°C. Under worst case operating. Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

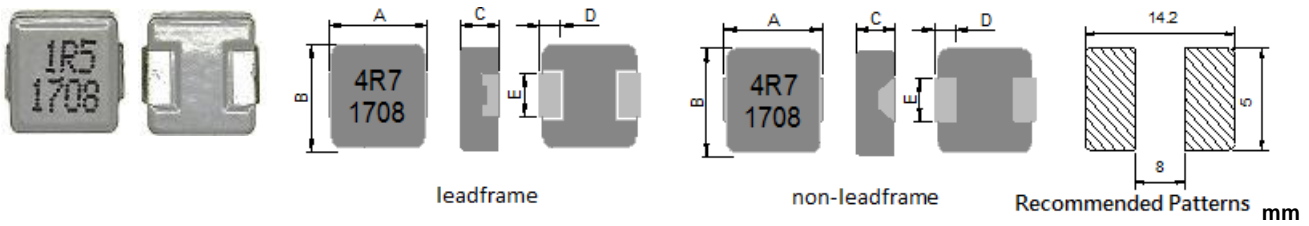
6. Special inquiries besides the above common used types can be met on your requirement.

## ■ FEATURES

- Suitable for applications with ultra high current.
- High mechanical body.



## DIMENSIONS



No	Part No.	A	B	C	D	E
1	JRPI 1235M	13.5 ± 0.5	12.5 ± 0.3	3.3 ± 0.2	2.3 ± 0.3	4.7 ± 0.3
2	JRPI 1205M	13.5 ± 0.5	12.5 ± 0.3	4.8 ± 0.2	2.3 ± 0.3	4.7 ± 0.3
3	JRPI 1206M	13.5 ± 0.5	12.5 ± 0.3	5.7 ± 0.3	2.3 ± 0.3	4.7 ± 0.3
4	JRPI 1265M	13.5 ± 0.5	12.5 ± 0.3	6.2 ± 0.3	2.3 ± 0.3	4.7 ± 0.3

## SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ)		I sat (A) Typ.	I rms (A) Typ.	Type
				Typ.	Max.			
1	JRPI 1235M-R33M	0.33	±20	0.85	1.00	62.0	36.5	non-leadframe
2	JRPI 1235M-R36M	0.36	±20	0.87	1.10	60.0	36.0	non-leadframe
3	JRPI 1235M-R45M	0.45	±20	1.05	1.50	58.0	33.0	non-leadframe
4	JRPI 1235M-R47M	0.47	±20	1.20	1.80	55.0	32.0	non-leadframe
5	JRPI 1235M-R56M	0.56	±20	1.30	1.90	53.0	30.0	non-leadframe
6	JRPI 1235M-R60M	0.60	±20	1.50	2.20	51.0	29.0	non-leadframe
7	JRPI 1235M-R67M	0.67	±20	1.90	2.50	49.0	28.0	non-leadframe
8	JRPI 1235M-R68M	0.68	±20	1.90	2.50	49.0	28.0	non-leadframe
9	JRPI 1235M-R82M	0.82	±20	2.20	3.00	44.0	25.0	leadframe
10	JRPI 1235M-1R0M	1.00	±20	2.70	3.50	40.0	24.0	leadframe
11	JRPI 1235M-1R2M	1.20	±20	4.00	5.00	37.0	21.0	leadframe
12	JRPI 1235M-1R5M	1.50	±20	4.80	5.50	35.0	19.0	leadframe
13	JRPI 1235M-1R8M	1.80	±20	5.20	7.00	30.0	17.0	leadframe
14	JRPI 1235M-2R2M	2.20	±20	6.30	8.00	29.0	16.0	leadframe
15	JRPI 1235M-3R3M	3.30	±20	11.00	13.50	27.0	12.0	leadframe
16	JRPI 1235M-4R7M	4.70	±20	15.30	18.20	24.0	10.0	leadframe
17	JRPI 1235M-5R6M	5.60	±20	18.0	22.0	19.0	9.5	leadframe
18	JRPI 1235M-6R8M	6.8	±20	20.0	24.0	18.0	9.0	leadframe
19	JRPI 1235M-8R2M	8.2	±20	23.0	28.0	16.0	8.5	leadframe
20	JRPI 1235M-100M	10.0	±20	29.0	34.0	14.0	7.0	leadframe
21	JRPI 1235M-330M	33.0	±20	132.0	160.0	6.0	3.5	leadframe
1	JRPI 1205M-R20M	0.20	±20	0.45	0.55	110.0	52.0	non-leadframe
2	JRPI 1205M-R22M	0.22	±20	0.50	0.70	110.0	52.0	non-leadframe
3	JRPI 1205M-R33M	0.33	±20	0.70	0.90	80.0	42.0	non-leadframe
4	JRPI 1205M-R36M	0.36	±20	0.75	0.95	75.0	42.0	non-leadframe
5	JRPI 1205M-R39M	0.39	±20	0.78	0.95	70.0	42.0	non-leadframe
6	JRPI 1205M-R47M	0.47	±20	0.86	1.10	65.0	38.0	non-leadframe
7	JRPI 1205M-R50M	0.50	±20	0.90	1.30	60.0	37.0	non-leadframe
8	JRPI 1205M-R56M	0.56	±20	1.00	1.50	55.0	36.0	non-leadframe
9	JRPI 1205M-R68M	0.68	±20	1.40	1.70	54.0	34.0	non-leadframe
10	JRPI 1205M-R82M	0.82	±20	1.70	2.10	52.0	31.0	non-leadframe
11	JRPI 1205M-1R0M	1.00	±20	1.85	2.50	50.0	29.0	non-leadframe
12	JRPI 1205M-1R2M	1.20	±20	2.50	3.00	49.0	28.0	non-leadframe
13	JRPI 1205M-1R5M	1.50	±20	2.80	3.30	48.0	27.0	non-leadframe
14	JRPI 1205M-1R8M	1.80	±20	4.00	4.90	40.0	21.0	leadframe
15	JRPI 1205M-2R2M	2.20	±20	4.20	5.50	32.0	20.0	leadframe
16	JRPI 1205M-2R7M	2.70	±20	4.70	6.70	32.0	17.0	leadframe
17	JRPI 1205M-3R3M	3.30	±20	6.80	9.20	32.0	15.0	leadframe
18	JRPI 1205M-4R7M	4.70	±20	11.4	15.0	27.0	12.0	leadframe
19	JRPI 1205M-5R6M	5.60	±20	12.3	16.5	22.0	11.5	leadframe
20	JRPI 1205M-6R0M	6.00	±20	13.0	16.5	21.5	11.5	leadframe

21	JRPI 1205M-6R8M	6.80	±20	14.5	18.5	21.0	11.0	leadframe
22	JRPI 1205M-8R2M	8.20	±20	16.8	22.5	18.0	9.5	leadframe
23	JRPI 1205M-100M	10.0	±20	21.4	25.5	16.0	9.0	leadframe
24	JRPI 1205M-150M	15.0	±20	32.0	38.0	13.0	8.2	leadframe
25	JRPI 1205M-180M	18.0	±20	40.0	45.0	11.0	7.5	leadframe
26	JRPI 1205M-220M	22.0	±20	50.0	58.0	10.0	6.5	leadframe
27	JRPI 1205M-330M	33.0	±20	73.0	88.0	8.0	5.0	leadframe
28	JRPI 1205M-470M	47.0	±20	100.0	120.0	6.5	4.0	leadframe
29	JRPI 1205M-680M	68.0	±20	135.0	162.0	5.5	3.5	leadframe
30	JRPI 1205M-820M	82.0	±20	198.0	238.0	4.8	3.0	leadframe
1	JRPI 1206M-R47M	0.47	±20	0.92	1.3	64.0	38.0	non-leadframe
2	JRPI 1206M-R56M	0.56	±20	1.15	1.5	60.0	35.0	non-leadframe
3	JRPI 1206M-R68M	0.68	±20	1.33	1.7	57.0	33.0	non-leadframe
4	JRPI 1206M-1R0M	1.0	±20	1.8	2.4	53.0	29.0	non-leadframe
5	JRPI 1206M-1R2M	1.2	±20	2.1	2.8	51.0	28.0	non-leadframe
6	JRPI 1206M-1R5M	1.5	±20	2.7	3.2	50.0	26.0	non-leadframe
7	JRPI 1206M-1R7M	1.7	±20	3.5	4.0	48.0	25.0	leadframe
8	JRPI 1206M-1R8M	1.8	±20	3.5	4.0	47.0	24.0	leadframe
9	JRPI 1206M-1R9M	1.9	±20	3.7	4.3	44.0	22.0	leadframe
10	JRPI 1206M-2R2M	2.2	±20	4.0	4.7	43.0	21.0	leadframe
11	JRPI 1206M-2R7M	2.7	±20	4.6	5.4	40.0	19.0	leadframe
12	JRPI 1206M-2R9M	2.9	±20	4.9	6.0	38.0	18.0	leadframe
13	JRPI 1206M-3R3M	3.3	±20	5.8	7.1	35.0	17.0	leadframe
14	JRPI 1206M-4R7M	4.7	±20	9.5	11.5	30.0	16.0	leadframe
15	JRPI 1206M-5R6M	5.6	±20	10.8	12.6	28.0	15.5	leadframe
16	JRPI 1206M-6R8M	6.8	±20	12.0	13.8	25.0	15.0	leadframe
17	JRPI 1206M-8R2M	8.2	±20	13.6	16.0	23.0	11.0	leadframe
18	JRPI 1206M-100M	10.0	±20	18.0	20.7	21.0	11.0	leadframe
19	JRPI 1206M-120M	12.0	±20	20.0	23.0	18.0	9.5	leadframe
20	JRPI 1206M-150M	15.0	±20	25.0	29.0	16.0	9.0	leadframe
21	JRPI 1206M-180M	18.0	±20	30.0	35.0	15.0	8.5	leadframe
22	JRPI 1206M-220M	22.0	±20	34.0	39.5	14.0	8.0	leadframe
23	JRPI 1206M-270M	27.0	±20	49.0	56.0	13.0	7.0	leadframe
24	JRPI 1206M-330M	33.0	±20	65.0	75.0	12.0	6.0	leadframe
25	JRPI 1206M-470M	47.0	±20	80.0	90.0	11.0	5.5	leadframe
26	JRPI 1206M-560M	56.0	±20	101.0	118.0	10.0	5.3	leadframe
27	JRPI 1206M-680M	68.0	±20	120.0	140.0	9.0	5.0	leadframe
28	JRPI 1206M-820M	82.0	±20	138.0	161.0	8.5	4.5	leadframe
29	JRPI 1206M-101M	100	±20	180.0	200.0	8.0	4.0	leadframe
30	JRPI 1206M-121M	120	±20	210.0	235.0	7.0	3.5	leadframe
31	JRPI 1206M-151M	150	±20	300.0	350.0	6.0	3.0	leadframe
32	JRPI 1206M-171M	170	±20	345.0	415.0	5.0	2.5	leadframe
33	JRPI 1206M-221M	220	±20	480.0	550.0	4.0	2.0	leadframe
1	JRPI 1265M-R15M	0.15	±20	0.49	0.60	118.0	55.0	non-leadframe
2	JRPI 1265M-R22M	0.22	±20	0.47	0.60	112.0	53.0	non-leadframe
3	JRPI 1265M-R30M	0.30	±20	0.60	0.72	72.0	48.0	non-leadframe
4	JRPI 1265M-R33M	0.33	±20	0.65	0.80	68.0	46.0	non-leadframe
5	JRPI 1265M-R36M	0.36	±20	0.70	0.90	66.0	45.0	non-leadframe
6	JRPI 1265M-R40M	0.40	±20	0.70	1.00	64.0	44.0	non-leadframe
7	JRPI 1265M-R45M	0.45	±20	0.90	1.20	63.0	42.0	non-leadframe
8	JRPI 1265M-R47M	0.47	±20	0.90	1.20	63.0	41.0	non-leadframe
9	JRPI 1265M-R50M	0.50	±20	0.92	1.25	60.0	40.0	non-leadframe
10	JRPI 1265M-R56M	0.56	±20	1.05	1.30	58.0	37.0	non-leadframe
11	JRPI 1265M-R68M	0.68	±20	1.25	1.50	55.0	35.0	non-leadframe
12	JRPI 1265M-R82M	0.82	±20	1.50	1.90	50.0	33.0	non-leadframe
13	JRPI 1265M-1R0M	1.00	±20	1.70	2.30	48.0	30.0	non-leadframe
14	JRPI 1265M-1R2M	1.20	±20	1.90	2.40	47.0	28.0	non-leadframe
15	JRPI 1265M-1R4M	1.40	±20	2.10	2.60	46.0	27.0	non-leadframe
16	JRPI 1265M-1R5M	1.50	±20	2.50	3.00	45.0	27.0	non-leadframe
17	JRPI 1265M-1R8M	1.80	±20	3.60	4.00	40.0	24.0	leadframe
18	JRPI 1265M-2R2M	2.20	±20	3.80	4.20	37.0	22.0	leadframe
19	JRPI 1265M-2R7M	2.70	±20	4.30	5.50	32.0	20.0	leadframe
20	JRPI 1265M-3R3M	3.30	±20	5.70	6.80	30.0	18.0	leadframe
21	JRPI 1265M-4R7M	4.70	±20	7.00	8.40	28.0	13.5	leadframe
22	JRPI 1265M-5R6M	5.60	±20	8.50	10.0	23.0	12.5	leadframe
23	JRPI 1265M-6R8M	6.80	±20	9.50	11.5	18.0	11.5	leadframe
24	JRPI 1265M-7R0M	7.00	±20	10.0	12.3	17.7	11.2	leadframe
25	JRPI 1265M-8R2M	8.20	±20	12.0	15.5	16.0	10.5	leadframe

26	JRPI 1265M-100M	10.0	±20	13.2	16.5	15.5	10.0	leadframe
27	JRPI 1265M-120M	12.0	±20	16.0	20.0	14.0	9.5	leadframe
28	JRPI 1265M-130M	13.0	±20	21.0	24.0	13.0	9.0	leadframe
29	JRPI 1265M-150M	15.0	±20	23.2	28.0	12.5	9.0	leadframe
30	JRPI 1265M-220M	22.0	±20	32.5	37.0	12.0	9.0	leadframe
31	JRPI 1265M-250M	25.0	±20	40.0	47.0	11.5	8.5	leadframe
32	JRPI 1265M-330M	33.0	±20	48.0	58.0	11.0	8.0	leadframe
33	JRPI 1265M-470M	47.0	±20	76.0	90.0	9.5	6.5	leadframe
34	JRPI 1265M-101M	100	±20	145.0	165.0	5.5	4.2	leadframe

Note:

1. Test Frequency: 100KHz /1V
2. All test data referenced to 25°C ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C
5. The part temperature (ambient + temp rise) should not exceed 125°C. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

## ■ FEATURES

- Suitable for applications with ultra high current.
- High mechanical body.

