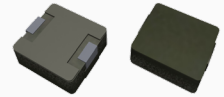


SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Features

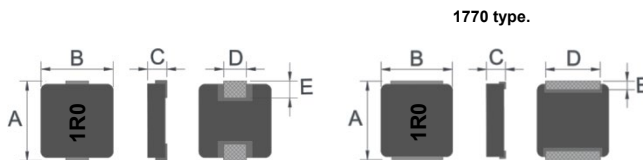
- High Rated Current
- Low DC Resistance
- High Frequency Range from 1MHz to 5MHz
- Halogen Free, Lead Free, RoHS and REACH Compliance

Product Identification

ZPWM - 6030 M/N - 1R0 M

1 2 3 4 5

Dimension (Unit: mm)



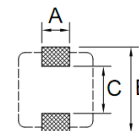
Type	A	B	C(Max.)	D(Ref.)	E(Ref.)
ZPWM-4012	4.40±0.35	4.20±0.25	1.20	1.50	0.80
ZPWM-4020	4.45±0.25	4.05±0.25	2.00	1.50	0.80
ZPWM-5018	5.40±0.30	5.20±0.30	1.80	2.20	1.20
ZPWM-5030	5.40±0.30	5.20±0.30	3.00	2.20	1.20
ZPWM-6018	7.10±0.30	6.60±0.30	1.80	3.00	1.60
ZPWM-6025	7.10±0.30	6.60±0.30	2.40	3.00	1.60
ZPWM-6030	7.10±0.30	6.60±0.30	3.00	3.00	1.60
ZPWM-1034	11.50(Max)	10.00±0.30	3.40	2.80	2.00
ZPWM-1040	11.50(Max)	10.00±0.30	4.00	2.80	2.00
ZPWM-1235	13.50±0.50	12.80±0.30	4.00	3.50	2.50
ZPWM-1250	13.50±0.50	12.80±0.30	5.00	3.50	2.50
ZPWM-1265	13.50±0.50	12.80±0.30	6.50	3.50	2.50
ZPWM-1770	18.00±0.30	17.15(Max)	7.50	11.80	2.70

Applications

- DC to DC Converter
- Computing, Mobile, Networking
- IoT, Gaming, Audio Devices
- Industrial PC, Storage Devices

- Product Code: ZPWM = ZenithTek Code.
- Dimension Code: 6030 = 7.1 * 6.6 * 3.0 mm.
- Type Code: M/N = Molding Type.
- Inductance Code: 1R0 = 1.0μH
- Tolerance Code: M = ±20%.

Land Pattern (Unit: mm)

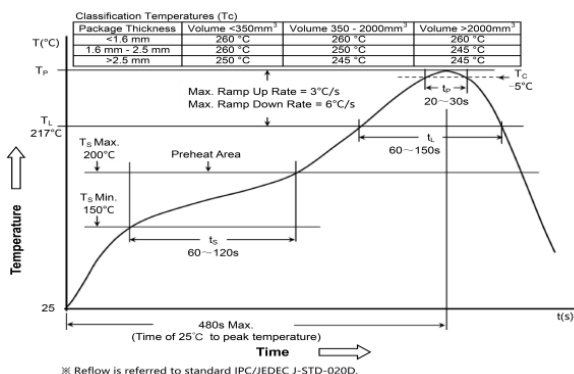


Type	A(Ref.)	B(Ref.)	C(Ref.)
ZPWM-4012	2.30	4.95	2.15
ZPWM-4020	2.30	4.95	2.15
ZPWM-5018	2.50	5.99	2.20
ZPWM-5030	2.50	5.99	2.20
ZPWM-6018	3.50	8.40	3.70
ZPWM-6025	3.50	8.40	3.70
ZPWM-6030	3.50	8.40	3.70
ZPWM-1034	4.00	13.00	6.00
ZPWM-1040	4.00	13.00	6.00
ZPWM-1235	5.00	15.00	6.00
ZPWM-1250	5.00	15.00	6.00
ZPWM-1265	5.00	15.00	6.00
ZPWM-1770	12.10	19.00	11.70

Product Structure



Reflow Heat Endurance



Schematic



Operating & Storage Conditions

Operating Temp. : -55°C~+125°C (including self-temp. rise)
 Storage Temp. : -55°C~+125°C (for PCBA)

Standard & Atmospheric Conditions

Ambient Temp. : 20°C±15°C / Relative Humidity : 65±20%.
 If there may be any doubt on the result, measurement shall be made within the following limits :
 Ambient Temp. : 25°C±5°C / Relative Humidity : 75±10%.

Test Equipment

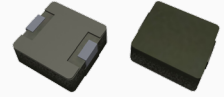
LCR Meter : WK-3260B / DC Source : WK-3265B.
 Micro ohm Meter : HIOKI-RM3545.
 Caliper : Mitsutoyo 150mm.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-4012M-R33M	0.33	20	100	17	19	6.50	8.40
ZPWM-4012M-R47M	0.47	20	100	19	22	6.00	6.80
ZPWM-4012M-R68M	0.68	20	100	32	36	4.70	6.00
ZPWM-4012M-1R0M	1.00	20	100	43	47	4.50	5.50
ZPWM-4012M-1R5M	1.50	20	100	68	75	3.25	4.00
ZPWM-4012M-2R2M	2.20	20	100	79.4	83.5	2.75	3.50

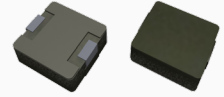
- Note 1: Tolerance Code: M= ±20%.
- Note 2: All test data is referenced to 25°C ambient.
- Note 3: Operating Temperature Range -55°C -25°C to +125°C.
- Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.
- Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.
- Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.
- Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-4020M-R10M	0.10	20	100	3.50	4.00	12	22
ZPWM-4020M-R22M	0.22	20	100	6.00	6.60	9.00	12.5
ZPWM-4020M-R33M	0.33	20	100	9.60	13	8.00	12
ZPWM-4020M-R47M	0.47	20	100	12.5	14	7.00	9.50
ZPWM-4020M-R56M	0.56	20	100	14	16	6.50	10
ZPWM-4020M-R68M	0.68	20	100	16	18	6.00	9.00
ZPWM-4020M-1R0M	1.00	20	100	24	27	4.50	7.00
ZPWM-4020M-1R2M	1.20	20	100	24	27	4.50	7.00
ZPWM-4020M-1R5M	1.50	20	100	38	46	4.00	6.00
ZPWM-4020M-2R2M	2.20	20	100	52	58	3.00	5.00
ZPWM-4020M-3R3M	3.30	20	100	74	87	2.50	4.00
ZPWM-4020M-4R7M	4.70	20	100	98	110	2.00	3.50
ZPWM-4020M-5R6M	5.60	20	100	105	115	1.80	3.00
ZPWM-4020M-6R8M	6.80	20	100	160	175	1.50	2.50
ZPWM-4020M-100M	10	20	100	256	282	1.20	2.20

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

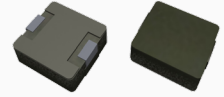
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-5018M-R47M	0.47	20	100	7.60	8.50	11	16
ZPWM-5018M-R56M	0.56	20	100	8.00	10	10	15.5
ZPWM-5018M-R68M	0.68	20	100	12	14	9.00	13
ZPWM-5018M-1R0M	1.00	20	100	15	18	8.50	10
ZPWM-5018M-1R2M	1.20	20	100	17	20	7.50	9.50
ZPWM-5018M-1R5M	1.50	20	100	23	28	6.20	9.00
ZPWM-5018M-2R2M	2.20	20	100	30	35	5.20	7.00
ZPWM-5018M-3R3M	3.30	20	100	45	52	4.70	5.50
ZPWM-5018M-4R7M	4.70	20	100	70	81	3.50	4.50
ZPWM-5018M-6R8M	6.80	20	100	103	125	2.90	3.60
ZPWM-5018M-8R2M	8.20	20	100	131	145	2.60	3.50
ZPWM-5018M-100M	10	20	100	139	154	2.50	3.30

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

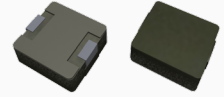
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-5030M-R20M	0.20	20	100	3.50	3.90	18	14.5
ZPWM-5030M-R47M	0.47	20	100	7.40	8.50	13.5	12
ZPWM-5030M-R68M	0.68	20	100	11	12	8.50	14
ZPWM-5030M-1R0M	1.00	20	100	13	14	7.00	11
ZPWM-5030M-1R2M	1.20	20	100	15	16	6.50	11
ZPWM-5030M-1R5M	1.50	20	100	20	25	6.00	8.50
ZPWM-5030M-2R2M	2.20	20	100	25	29	5.50	7.50
ZPWM-5030M-3R3M	3.30	20	100	32	38	5.00	6.00
ZPWM-5030M-4R7M	4.70	20	100	50	60	3.50	5.00
ZPWM-5030M-6R8M	6.80	20	100	75	90	3.00	4.00
ZPWM-5030M-100M	10	20	100	110	125	2.50	3.50

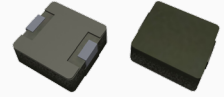
- Note 1: Tolerance Code: M= ±20%.
- Note 2: All test data is referenced to 25°C ambient.
- Note 3: Operating Temperature Range -55°C to +125°C.
- Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.
- Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.
- Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.
- Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
Product Series Code **ZPWM - Series**
File Version **V2.8**
Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-6018M-R10M	0.10	20	100	3.00	3.50	18	40
ZPWM-6018M-R15M	0.15	20	100	4.70	5.20	15	38
ZPWM-6018M-R22M	0.22	20	100	5.30	5.70	14	26
ZPWM-6018M-R33M	0.33	20	100	6.60	7.00	12	18
ZPWM-6018M-R47M	0.47	20	100	8.40	9.30	11	18
ZPWM-6018M-R68M	0.68	20	100	12.7	13.9	9.00	17
ZPWM-6018M-1R0M	1.00	20	100	17.5	18.3	7.00	14
ZPWM-6018M-1R5M	1.50	20	100	32.6	34	4.00	11.5
ZPWM-6018M-3R3M	3.30	20	100	56.2	60.1	3.25	8
ZPWM-6018M-4R7M	4.70	20	100	76.6	78	3.00	6

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

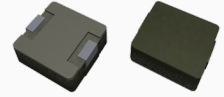
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (µH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-6018MT-R10M	0.10	20	100	2.00	2.50	18	45
ZPWM-6018MT-R22M	0.22	20	100	4.50	5.20	14	29
ZPWM-6018MT-R33M	0.33	20	100	5.20	6.80	12	22
ZPWM-6018MT-R47M	0.47	20	100	7.30	8.40	11	18
ZPWM-6018MT-R68M	0.68	20	100	10.8	12.7	9.00	17
ZPWM-6018MT-1R0M	1.00	20	100	14.5	17	7.00	14
ZPWM-6018MT-1R5M	1.50	20	100	20	26	6.50	12
ZPWM-6018MT-2R0M	2.00	20	100	28	32	6.00	10
ZPWM-6018MT-2R2M	2.20	20	100	31	35	6.00	10
ZPWM-6018MT-3R3M	3.30	20	100	56	60	3.50	8.00
ZPWM-6018MT-4R7M	4.70	20	100	68	72	3.50	5.00
ZPWM-6018MT-6R8M	6.80	20	100	101	110	2.80	3.50

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

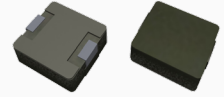
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-6025M-R10M	0.10	20	100	1.50	1.70	30	50.00
ZPWM-6025M-R22M	0.22	20	100	2.90	3.20	21	34.00
ZPWM-6025M-R33M	0.33	20	100	3.70	4.10	18	22.00
ZPWM-6025M-R47M	0.47	20	100	6.00	6.50	13.5	21.00
ZPWM-6025M-R68M	0.68	20	100	8.70	9.40	11	18.00
ZPWM-6025M-R82M	0.82	20	100	10.6	11.8	10	17.00
ZPWM-6025M-1R0M	1.00	20	100	13.1	14.2	9.00	16.00
ZPWM-6025M-1R5M	1.50	20	100	18.5	21.2	7.50	15.00
ZPWM-6025M-2R2M	2.20	20	100	28	34	6.50	14.00
ZPWM-6025M-3R3M	3.30	20	100	36.5	51.6	5.00	13.00
ZPWM-6025M-4R7M	4.70	20	100	45	63	4.50	9.00
ZPWM-6025M-5R6M	5.60	20	100	66	73	4.00	8.00
ZPWM-6025M-6R8M	6.80	20	100	72.5	95	3.60	7.00
ZPWM-6025M-8R2M	8.20	20	100	84	106	3.00	6.50
ZPWM-6025M-100M	10	20	100	115.6	129	2.50	6.00

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

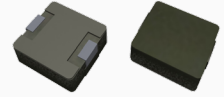
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-6030M-R10M	0.10	20	100	1.50	1.70	32.5	60
ZPWM-6030M-R15M	0.15	20	100	1.90	2.50	26	52
ZPWM-6030M-R20M	0.20	20	100	2.40	3.00	24	41
ZPWM-6030M-R22M	0.22	20	100	2.50	2.80	23	40
ZPWM-6030M-R33M	0.33	20	100	3.50	3.90	20	30
ZPWM-6030M-R47M	0.47	20	100	4.00	4.20	17.5	26
ZPWM-6030M-R56M	0.56	20	100	5.00	5.50	15.5	25
ZPWM-6030M-R68M	0.68	20	100	5.00	5.50	15.5	25
ZPWM-6030M-R82M	0.82	20	100	6.70	8.00	13	24
ZPWM-6030M-1R0M	1.00	20	100	9.00	10	11	22
ZPWM-6030M-1R2M	1.20	20	100	9.00	10	10	19
ZPWM-6030M-1R5M	1.50	20	100	14	15	9.00	18
ZPWM-6030M-2R2M	2.20	20	100	18	20	8.00	14
ZPWM-6030M-3R3M	3.30	20	100	28	30	6.00	13.5
ZPWM-6030M-4R7M	4.70	20	100	37	40	5.50	10
ZPWM-6030M-5R6M	5.60	20	100	52	60	4.80	10
ZPWM-6030M-6R8M	6.80	20	100	54	60	4.50	8.00
ZPWM-6030M-8R2M	8.20	20	100	64	68	4.00	7.50
ZPWM-6030M-100M	10	20	100	102	105	3.00	7.00

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

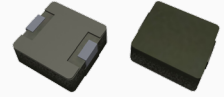
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-6030MT-R33M	0.33	20	100	3.00	3.50	21	25
ZPWM-6030MT-R36M	0.36	20	100	3.30	3.90	20	24
ZPWM-6030MT-R47M	0.47	20	100	3.50	4.10	18	20
ZPWM-6030MT-R56M	0.56	20	100	3.90	4.50	16.5	18
ZPWM-6030MT-R68M	0.68	20	100	4.80	5.30	16	17
ZPWM-6030MT-R82M	0.82	20	100	5.40	6.00	14	16
ZPWM-6030MT-1R0M	1.00	20	100	6.70	7.40	12	15
ZPWM-6030MT-1R2M	1.20	20	100	7.80	10	10	14
ZPWM-6030MT-1R5M	1.50	20	100	10.6	12.1	10	14
ZPWM-6030MT-2R2M	2.20	20	100	13.5	15	8.00	10
ZPWM-6030MT-2R5M	2.50	20	100	16	18	7.00	10
ZPWM-6030MT-3R3M	3.30	20	100	18	22	6.50	9.50
ZPWM-6030MT-4R7M	4.70	20	100	28	33	5.50	6.50
ZPWM-6030MT-5R6M	5.60	20	100	39	42	5.50	6.00
ZPWM-6030MT-6R8M	6.80	20	100	43	50	4.50	6.00
ZPWM-6030MT-8R2M	8.20	20	100	54	60	4.50	6.00
ZPWM-6030MT-100M	10	20	100	62	68	4.00	5.50
ZPWM-6030MT-150M	15	20	100	110	125	3.50	3.00
ZPWM-6030MT-220M	22	20	100	180	200	2.30	3.00

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

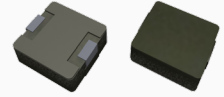
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1034N-R22M	0.22	20	100	1.00	1.15	32	45
ZPWM-1034N-1R0M	1.00	20	100	4.00	4.50	15	30
ZPWM-1034N-2R2M	2.20	20	100	8.40	9.50	12	18
ZPWM-1034N-3R3M	3.30	20	100	13	14.5	10	16
ZPWM-1034N-4R7M	4.70	20	100	17	18	7.00	14
ZPWM-1034N-6R8M	6.80	20	100	25	28	5.00	10
ZPWM-1034N-100M	10	20	100	40	45	4.00	8.00

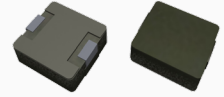
- Note 1: Tolerance Code: M= ±20%.
- Note 2: All test data is referenced to 25°C ambient.
- Note 3: Operating Temperature Range -55°C to +125°C.
- Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.
- Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.
- Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.
- Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1040N-R19M	0.19	20	100	0.50	0.70	44	44
ZPWM-1040N-R22M	0.22	20	100	0.60	0.80	38	42
ZPWM-1040N-R24M	0.24	20	100	0.70	0.80	38	38
ZPWM-1040N-R36M	0.36	20	100	0.85	0.95	35	35
ZPWM-1040N-R41M	0.41	20	100	1.04	1.15	33	32
ZPWM-1040N-R47M	0.47	20	100	1.20	1.40	32	32
ZPWM-1040N-R56M	0.56	20	100	1.30	1.50	30	30
ZPWM-1040N-R68M	0.68	20	100	1.60	1.80	25	30
ZPWM-1040N-R78M	0.78	20	100	1.60	1.80	25	25
ZPWM-1040N-R82M	0.82	20	100	2.20	2.50	21	21
ZPWM-1040N-1R0M	1.00	20	100	2.20	2.50	21	21
ZPWM-1040N-1R8M	1.80	20	100	4.50	5.00	15	15
ZPWM-1040N-2R0M	2.00	20	100	5.20	5.80	14	14
ZPWM-1040N-2R2M	2.20	20	100	5.50	6.30	14	16
ZPWM-1040N-2R5M	2.50	20	100	8.20	9.00	12	12
ZPWM-1040N-3R3M	3.30	20	100	8.20	9.00	12	11

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

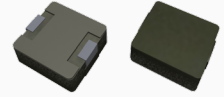
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1040NB-R19M	0.19	20	100	0.875	0.95	40	80
ZPWM-1040NB-R36M	0.36	20	100	1.30	1.40	31.5	60
ZPWM-1040NB-1R0M	1.00	20	100	3.70	4.10	17.5	36
ZPWM-1040NB-1R5M	1.50	20	100	5.30	5.80	15	27.5
ZPWM-1040NB-2R2M	2.20	20	100	8.20	9.00	12	25.5

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

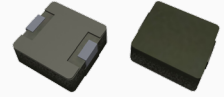
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1040NC-R15M	0.15	20	100	0.50	0.65	40	75
ZPWM-1040NC-R19M	0.19	20	100	0.70	0.80	38	60
ZPWM-1040NC-R22M	0.22	20	100	0.90	1.00	35	60
ZPWM-1040NC-R36M	0.36	20	100	1.05	1.20	30	60
ZPWM-1040NC-R39M	0.39	20	100	1.10	1.30	30	50
ZPWM-1040NC-R41M	0.41	20	100	1.10	1.30	30	45
ZPWM-1040NC-R45M	0.45	20	100	1.10	1.30	29	45
ZPWM-1040NC-R47M	0.47	20	100	1.60	1.80	26	40
ZPWM-1040NC-R56M	0.56	20	100	1.60	1.80	25	40
ZPWM-1040NC-R68M	0.68	20	100	2.40	2.70	22	39
ZPWM-1040NC-R88M	0.88	20	100	2.70	3.00	20	38
ZPWM-1040NC-1R0M	1.00	20	100	3.00	3.30	18	30
ZPWM-1040NC-1R5M	1.50	20	100	3.80	4.20	16	24
ZPWM-1040NC-2R2M	2.20	20	100	6.70	7.00	12	22
ZPWM-1040NC-3R3M	3.30	20	100	10.8	11.8	10	17
ZPWM-1040NC-4R7M	4.70	20	100	15	16.5	9.50	15
ZPWM-1040NC-5R6M	5.60	20	100	17.6	19.3	8.50	14
ZPWM-1040NC-6R8M	6.80	20	100	21.2	23.3	8.00	12
ZPWM-1040NC-8R2M	8.20	20	100	26	29	7.00	10
ZPWM-1040NC-100M	10	20	100	33.2	36.5	6.80	9.5

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

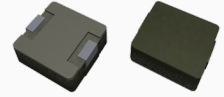
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1040ND-R22M	0.22	20	100	0.80	0.90	35	65
ZPWM-1040ND-2R2M	2.20	20	100	6.00	7.00	12	18
ZPWM-1040ND-3R3M	3.30	20	100	10.8	11.8	10	16
ZPWM-1040ND-4R7M	4.70	20	100	17	20	8.50	15
ZPWM-1040ND-5R6M	5.60	20	100	20	23	7.50	14
ZPWM-1040ND-6R8M	6.80	20	100	22.5	25	6.50	9.00
ZPWM-1040ND-100M	10	20	100	27	30	7.50	8.50
ZPWM-1040ND-150M	15	20	100	40	45	6.25	7.00
ZPWM-1040ND-220M	22	20	100	60	66	5.00	5.50
ZPWM-1040ND-330M	33	20	100	85	92	4.40	5.00
ZPWM-1040ND-470M	47	20	100	130	145	4.00	3.50
ZPWM-1040ND-560M	56	20	100	150	170	3.80	2.80
ZPWM-1040ND-680M	68	20	100	175	200	3.50	2.60
ZPWM-1040ND-820M	82	20	100	210	240	3.20	2.40
ZPWM-1040ND-101M	100	20	100	249	270	3.00	2.25

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

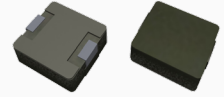
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1235M-R10M	0.10	20	100	0.80	0.96	43	84
ZPWM-1235M-R15M	0.15	20	100	1.00	1.20	41	75
ZPWM-1235M-R22M	0.22	20	100	1.10	1.30	38.5	65
ZPWM-1235M-R33M	0.33	20	100	1.30	1.50	36.5	62
ZPWM-1235M-R47M	0.47	20	100	1.60	2.00	32	55
ZPWM-1235M-R60M	0.60	20	100	1.80	2.20	29	51
ZPWM-1235M-R68M	0.68	20	100	2.30	2.50	28	49
ZPWM-1235M-R82M	0.82	20	100	2.60	3.00	25	44
ZPWM-1235M-1R0M	1.00	20	100	3.30	3.50	24	40
ZPWM-1235M-1R5M	1.50	20	100	5.10	5.50	19	35
ZPWM-1235M-1R8M	1.80	20	100	6.50	7.00	16.5	30
ZPWM-1235M-2R2M	2.20	20	100	7.20	8.00	16	29
ZPWM-1235M-3R3M	3.30	20	100	11	12	12	27
ZPWM-1235M-4R7M	4.70	20	100	14.3	15	10	24
ZPWM-1235M-5R6M	5.60	20	100	17.1	18	9.50	19
ZPWM-1235M-6R8M	6.80	20	100	22	24	8.00	14
ZPWM-1235M-8R2M	8.20	20	100	24.8	28	7.50	13.5
ZPWM-1235M-100M	10	20	100	30.4	34	7.00	13

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

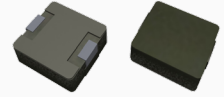
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1250M-R10M	0.10	20	100	0.53	0.60	55	80
ZPWM-1250M-R22M	0.22	20	100	0.64	0.80	51	80
ZPWM-1250M-R33M	0.33	20	100	0.85	1.20	42	80
ZPWM-1250M-R47M	0.47	20	100	1.10	1.30	38	65
ZPWM-1250M-R56M	0.56	20	100	1.30	1.60	36	55
ZPWM-1250M-R68M	0.68	20	100	1.50	1.70	34	54
ZPWM-1250M-R82M	0.82	20	100	2.00	2.30	31	53
ZPWM-1250M-1R0M	1.00	20	100	2.10	2.50	29	50
ZPWM-1250M-1R2M	1.20	20	100	2.80	3.50	25	49
ZPWM-1250M-1R5M	1.50	20	100	3.40	4.10	23	38
ZPWM-1250M-1R8M	1.80	20	100	4.20	4.90	19	35
ZPWM-1250M-2R2M	2.20	20	100	4.60	5.50	20	32
ZPWM-1250M-2R7M	2.70	20	100	5.70	6.80	18	32
ZPWM-1250M-3R3M	3.30	20	100	7.70	9.20	15	32
ZPWM-1250M-4R7M	4.70	20	100	12.8	15	12	27
ZPWM-1250M-5R6M	5.60	20	100	14	16.5	11.50	22
ZPWM-1250M-6R8M	6.80	20	100	15.4	18.5	11	21
ZPWM-1250M-7R8M	7.80	20	100	17.2	20.5	10	18
ZPWM-1250M-8R2M	8.20	20	100	18.9	22.5	9.50	18
ZPWM-1250M-100M	10	20	100	21.4	25.5	9.00	16
ZPWM-1250M-150M	15	20	100	44	48	6.00	9.00
ZPWM-1250M-220M	22	20	100	50	58	5.50	8.00
ZPWM-1250M-330M	33	20	100	75	84	3.50	6.00
ZPWM-1250M-470M	47	20	100	138	152	2.00	4.00

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

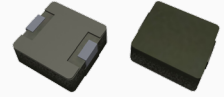
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1265M-R10M	0.10	20	100	0.47	0.50	60	80
ZPWM-1265M-R15M	0.15	20	100	0.53	0.60	55	80
ZPWM-1265M-R22M	0.22	20	100	0.63	0.70	53	80
ZPWM-1265M-R30M	0.30	20	100	0.70	0.80	48	72
ZPWM-1265M-R33M	0.33	20	100	0.83	0.90	46	65
ZPWM-1265M-R40M	0.40	20	100	0.90	1.00	44	64
ZPWM-1265M-R47M	0.47	20	100	1.00	1.20	41	63
ZPWM-1265M-R56M	0.56	20	100	1.20	1.40	37	62
ZPWM-1265M-R68M	0.68	20	100	1.40	1.60	35	60
ZPWM-1265M-R82M	0.82	20	100	1.60	1.90	33	50
ZPWM-1265M-1R0M	1.00	20	100	1.70	2.00	32	49
ZPWM-1265M-1R2M	1.20	20	100	2.10	2.50	30	48
ZPWM-1265M-1R5M	1.50	20	100	2.50	3.00	27	45
ZPWM-1265M-1R8M	1.80	20	100	2.80	3.20	24	41
ZPWM-1265M-2R2M	2.20	20	100	3.50	4.20	22	40
ZPWM-1265M-2R8M	2.80	20	100	4.20	4.80	20	25
ZPWM-1265M-3R3M	3.30	20	100	5.70	6.80	18	35
ZPWM-1265M-4R2M	4.20	20	100	5.80	7.20	11	28
ZPWM-1265M-4R7M	4.70	20	100	9.30	11.2	13.5	30
ZPWM-1265M-5R6M	5.60	20	100	11.8	12.8	12	26.5
ZPWM-1265M-6R8M	6.80	20	100	13.1	14	11.5	16.5
ZPWM-1265M-8R2M	8.20	20	100	14.5	15.5	10.5	16
ZPWM-1265M-100M	10	20	100	15.8	16.8	10	15.5
ZPWM-1265M-120M	12	20	100	23	26	9.00	14
ZPWM-1265M-150M	15	20	100	25	29	6.00	9.00
ZPWM-1265M-220M	22	20	100	34	39.5	5.00	7.50
ZPWM-1265M-330M	33	20	100	55	65	4.00	6.00
ZPWM-1265M-470M	47	20	100	80	92	3.00	5.00
ZPWM-1265M-680M	68	20	100	122	134	2.00	3.50

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

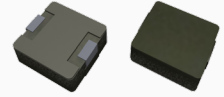
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Electrical Characteristic

Part Number	Inductance (μH)@0A	Tolerance (%)	Test Frequency (KHz)/1V/0A	DCR (mΩ/Typ.)	DCR (mΩ/Max.)	Heat Rating Current IDC(Amp./Typ.)	Saturation Current Isat(Amp./Typ.)
ZPWM-1770M-R82M	0.82	20	100	0.98	1.08	56.5	45
ZPWM-1770M-1R0M	1.00	20	100	1.21	1.27	55.5	32
ZPWM-1770M-1R5M	1.50	20	100	1.54	1.62	48	31
ZPWM-1770M-2R2M	2.20	20	100	1.85	1.98	43.5	28
ZPWM-1770M-3R3M	3.30	20	100	2.79	2.93	35	27
ZPWM-1770M-4R7M	4.70	20	100	3.98	4.18	30	21
ZPWM-1770M-5R6M	5.60	20	100	4.23	4.44	28	21
ZPWM-1770M-6R8M	6.80	20	100	5.86	6.15	22.5	18.5
ZPWM-1770M-8R2M	8.20	20	100	7.71	8.10	21	18
ZPWM-1770M-100M	10	20	100	8.89	9.33	19	17
ZPWM-1770M-150M	15	20	100	13.7	14.4	14	12
ZPWM-1770M-220M	22	20	100	20	21	12	9.50
ZPWM-1770M-330M	33	20	100	35.1	37	10.7	9.00
ZPWM-1770M-470M	47	20	100	40.7	42.7	8.70	8.60
ZPWM-1770M-560M	56	20	100	55	57.8	7.20	4.20
ZPWM-1770M-680M	68	20	100	72.1	75.7	6.10	4.50
ZPWM-1770M-820M	82	20	100	87.3	91.7	5.50	4.50
ZPWM-1770M-101M	100	20	100	105	110	5.00	4.00

Note 1: Tolerance Code: M= ±20%.

Note 2: All test data is referenced to 25°C ambient.

Note 3: Operating Temperature Range -55°C to +125°C.

Note 4: Typical Heat Rating DC Current would cause an approximately ΔT of 40°C.

Note 5: Typical Saturation DC Current would cause L0 to drop approximately 30%.

Note 6: The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.

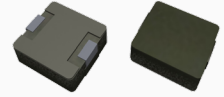
Note 7: Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

SPECIFICATION



ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



Reliability Test

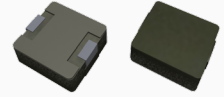
No.	Item	Specification	Test Method
1	Temperature Shock.	Appearance: No damage. Inductance: within $\pm 10\%$ of initial.	Temperature: $-55\pm 2^{\circ}\text{C} \sim +125\pm 2^{\circ}\text{C}$ Kept for 30 minutes. Transition time : 5 minutes. 100 Cycles.
2	Humidity Resistance.	Appearance: No damage. Inductance: within $\pm 10\%$ of initial.	Temperature: $40\pm 2^{\circ}\text{C}$. Relative Humidity: 90%. Duration: 500 +4/-0 hours.
3	High Temperature Resistance.	Appearance: No damage. Inductance: within $\pm 10\%$ of initial.	Temperature: $125\pm 2^{\circ}\text{C}$. Duration: 1000 +4/-0 hours.
4	Low Temperature Resistance.	Appearance: No damage. Inductance: within $\pm 10\%$ of initial.	Temperature: $-55\pm 2^{\circ}\text{C}$. Duration: 1000 +4/-0 hours.
5	Vibration test.	Appearance: No damage. Inductance: within $\pm 10\%$ of initial.	Oscillation Frequency: 10Hz to 55Hz to 10Hz in 60 seconds as a period. Total amplitude: 1.5mm. Testing Time: a period of 2 hours in each 3 mutually perpendicular directions (total of 6 hours).
6	Solderability Heat test.	Appearance: No damage. Inductance: within $\pm 10\%$ of initial.	Solder temperature: $260 +0/-5^{\circ}\text{C}$. Duration: 5 sec. Allowed reflow time: 2 times.
7	Solderability test.	90% or more of electrode area shall be coated by new solder.	Preheating: 160°C , 60sec. Solder temperature: $245\pm 5^{\circ}\text{C}$. Duration : 5 sec.
8	Flexure Strength.	No visible mechanical damage.	Flexure: 2mm. Pressurizing Speed: 0.5mm/sec. Keep time: 30 ± 1 sec.
9	Terminal Strength.	No visible mechanical damage.	Reflow 2 times. Force: 10N , Keep time: 5 sec , X,Y directs.

SPECIFICATION



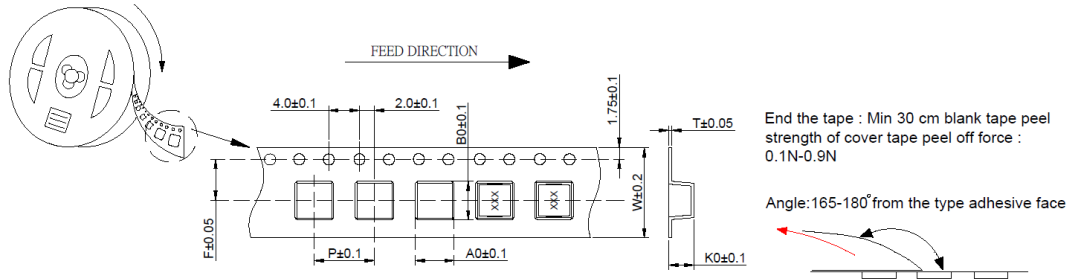
ZenithTek

Brand **ZenithTek**
 Product Series Code **ZPWM - Series**
 File Version **V2.8**
 Description **SMD Molding Power Inductor**



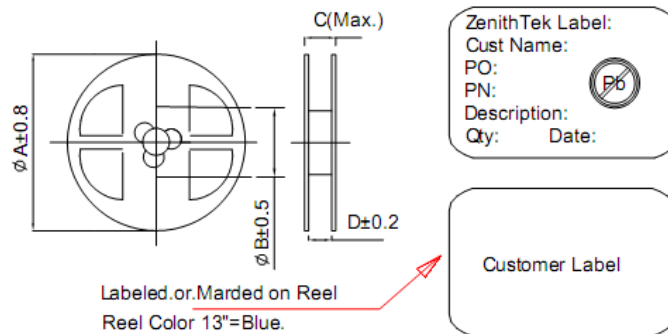
Package

Taping Dimension (mm)



Size(mm)	W	P	A0	B0	K0	T	F
ZPWM-4012	12.00	8.00	4.30	4.70	2.00	0.40	5.50
ZPWM-4020	12.00	8.00	4.60	4.75	2.15	0.40	5.50
ZPWM-5018	12.00	8.00	5.70	5.90	2.30	0.40	5.50
ZPWM-5030	12.00	8.00	5.70	5.90	3.60	0.40	5.50
ZPWM-6018	16.00	12.00	6.90	7.60	2.60	0.40	7.50
ZPWM-6025	16.00	12.00	6.90	7.60	3.40	0.40	7.50
ZPWM-6030	16.00	12.00	6.90	7.60	3.40	0.40	7.50
ZPWM-1034	24.00	16.00	11.00	12.60	4.10	0.40	11.50
ZPWM-1040	24.00	16.00	11.00	12.60	4.10	0.40	11.50
ZPWM-1235	24.00	20.00	13.40	14.90	4.90	0.40	11.50
ZPWM-1250	24.00	20.00	13.40	14.90	5.90	0.40	11.50
ZPWM-1265	24.00	20.00	13.40	14.90	7.30	0.40	11.50
ZPWM-1770	32.00	24.00	17.45	19.10	7.90	0.40	14.20

Reel Dimension (mm)



Labeled or Marded on Reel
 Reel Color 13"=Blue.

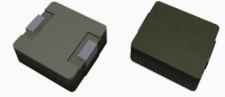
Size(mm)	A	B	C	D	Reel/Size	Qty./Size
ZPWM-4012	330	100	16.5	12.0	13"	3000 Pcs
ZPWM-4020	330	100	16.5	12.0	13"	2000 Pcs
ZPWM-5018	330	100	21.0	12.5	13"	2000 Pcs
ZPWM-5030	330	100	21.0	12.5	13"	2000 Pcs
ZPWM-6018	330	100	21.0	17.0	13"	1500 Pcs
ZPWM-6025	330	100	21.0	17.0	13"	1000 Pcs
ZPWM-6030	330	100	21.0	17.0	13"	1000 Pcs
ZPWM-1034	330	100	29.0	25.0	13"	800 Pcs
ZPWM-1040	330	100	29.0	25.0	13"	800 Pcs
ZPWM-1235	330	100	29.0	25.0	13"	500 Pcs
ZPWM-1250	330	100	29.0	25.0	13"	500 Pcs
ZPWM-1265	330	100	29.0	25.0	13"	400 Pcs
ZPWM-1770	330	100	36.6	32.0	13"	150 Pcs

SPECIFICATION



ZenithTek

Brand **ZenithTek**
Product Series Code **ZPWM - Series**
File Version **V2.8**
Description **SMD Molding Power Inductor**



Package

Box Dimension (mm)

