



SMD COILS / 贴片线圈

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Notice: Specification Changed or Version Updated will be posted at irregular intervals.
All Updated and Final Specifications, Please Confirm with TOKEN ELECTRONICS REPRESENTIVES.

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SMD COILS

SMD EMI Filters Common Mode Choke - TCPWC Series

► SMD EMI Filter Common Mode Choke Features

Small Chip Inductor with Ferrite Core and Two Line Types Wire wound.

Highly Effective in Noise Suppression, High Common-mode Impedance at Noise Band and Low Differential-Mode Impedance at Signal Band.

Low Differential-Mode Impedance with High Coupling Factor, There is Almost No Distortion on High Speed Signal.

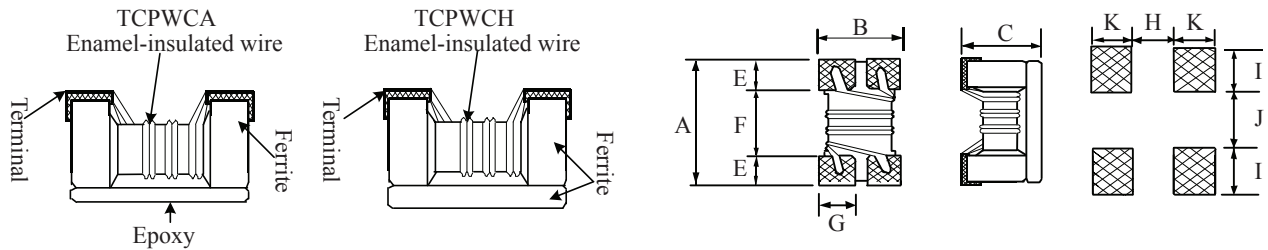
► SMD EMI Filter Common Mode Choke Applications

EMI Radiation Noise Suppression for Any Electronic Device.

USB Line for Personal Computers and Peripheral.

IEEE 1394 Line for Personal Computers, DVC, STB; LCD Panels, Low-Voltage Differential Signal (LVDS).

► SMD EMI Filter Common Mode Choke Configurations & Dimensions (unit: mm)



► SMD EMI Filter Common Mode Choke Dimensions (Unit: mm)

TYPE	A	B	C	E	F	G	H	I	J	K
TCPWCA05	2.1±0.2	1.2±0.2	1.0±0.2	0.45	1.2	0.4	0.8	0.4	0.4	0.90
TCPWCH05	2.0±0.2	1.2±0.2	1.2±0.2	0.45	1.2	0.4	0.8	0.4	0.4	0.90
TCPWCH06	3.2±0.2	1.6±0.2	1.8±0.2	0.60	2.0	0.6	1.6	0.6	0.4	1.05

► SMD EMI Filter Common Mode Choke Electrical Characteristics for TCPWC Series

Part Number	Impedance (Ω) @100MHz	DCR (Ω) (max)	Rated Current (mA)(max)	Rated Voltage (V)(DC)	Withstanding Voltage (V)(DC)	Insulation Resistance (MΩ)(min)
TCPWCA05MT670	67	0.35	330	50	125	10
TCPWCA05MT900	90	0.35	330	50	125	10
TCPWCA05MT121	120	0.45	280	50	125	10
TCPWCA05MT181	180	0.50	250	50	125	10
TCPWCH05MT670	67	0.25	400	50	125	10
TCPWCH05MT900	90	0.35	330	50	125	10
TCPWCH05MT121	120	0.30	370	50	125	10
TCPWCH05MT181	180	0.35	330	50	125	10
TCPWCH05MT201	200	0.35	330	50	125	10
TCPWCH05MT261	260	0.40	300	50	125	10
TCPWCH05MT371	370	0.40	280	50	125	10
TCPWCH06MT900	90	0.30	370	50	125	10
TCPWCH06MT161	160	0.40	340	50	125	10
TCPWCH06MT261	260	0.50	310	50	125	10
TCPWCH06MT601	600	0.80	260	50	125	10
TCPWCH06MT102	1000	1.00	230	50	125	10
TCPWCH06MT222	2200	1.20	200	50	125	10

Note: Operating Temp.: -40°C+85°C.

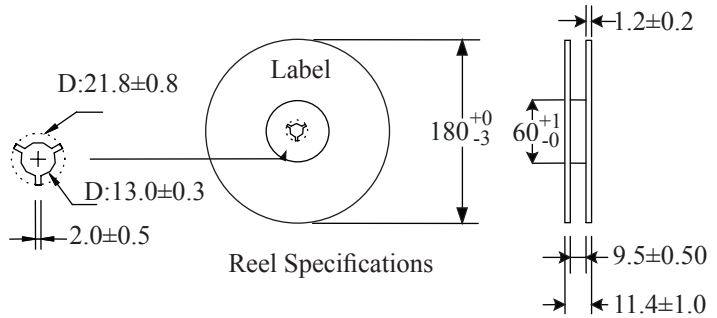




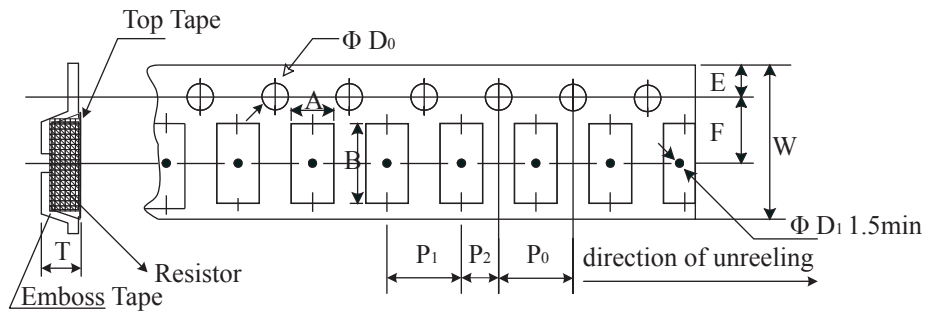
SMD COILS

► SMD EMI Filter Common Mode Choke Packaging Quantity & Reel Specifications (Unit: mm)

Type	Emboss Plastic Tape (PCS)
TCPWCA05	2000
TCPWCH05	2000
TCPWCH06	2000

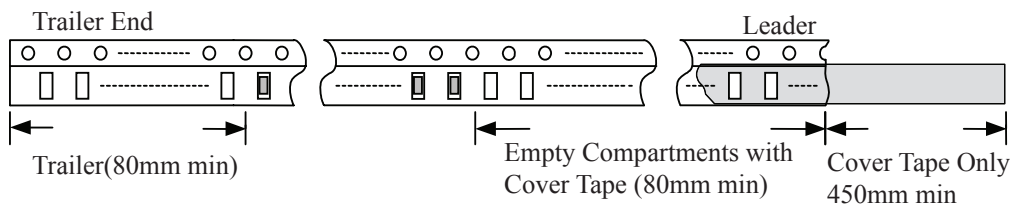


► SMD EMI Filter Common Mode Choke Emboss Plastic Tape Specifications (Unit: mm)



Codes	A ±0.10	B ±0.05	W ±0.20	E ±0.10	F ±0.10	P0 ±0.10	P1 ±0.10	P2 ±0.10	ΦD0 +0.10	t ±0.10
TCPWCA05	1.40	2.55	8.0	1.75	3.5	4.00	4.00	2.00	1.50	1.35
TCPWCH05	1.40	2.55	8.0	1.75	3.5	4.00	4.00	2.00	1.50	1.35
TCPWCH06	1.90	3.50	8.0	1.75	3.5	4.00	4.00	2.00	1.50	2.10

► SMD EMI Filter Common Mode Choke Leader / Tape



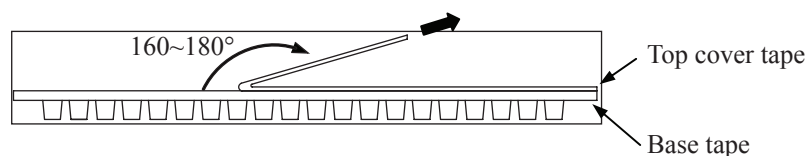
► SMD EMI Filter Common Mode Choke Peel-off Force

The force for tearing off cover tape is 0.05 ~ 0.69(N) in the arrow direction at the following conditions:

Temperature: 5 ~ 35°C.

Humidity: 45 ~ 85%.

Atmospheric pressure: 860 ~ 1060 hpa.





SMD COILS

SMD EMI Filter Common Mode Choke Environmental Characteristics

Test Items	Specifications	Test Conditions / Test Methods
Electrical Performance Test		
Impedance	Refer to standard electrical characteristic spec.	LCR Meter HP 4291B
DC Resistance (RDC)		Micro-Ohm meter (GOM-801G)
Withstand Voltage (VDC)	Component should not be damaged	Test Voltage: 2.5 Times Rated Voltage; Testing Time: 60 sec. Charge Current: 0.5mA
Rated Voltage (VDC)		Test Voltage: Rated Voltage; Testing Time: 1 to 5 sec; Charge Current: 1mA
Insulation Resistance (I.R.)		Charge Current: 1 minute 10M ohm min
Mechanical Performance Test		
Component Adhesion (push Test)	Base: 0805 ≥ 2 Lbs Cover: 0805 ≥ 1 Lbs Base: 1206 ≥ 4 Lbs Cover: 1206 ≥ 2 Lbs	The component should be soldered (232°C±5°C for 10 sec.) totinned copper substrate. Applied force gauge to the side of component It must withstand force of 2 or 4 pounds without failure of the component.
Drop Test	Component should not be damaged	Dropping chip by each side and corner; Drop 10 times in total Drop height:100cm; Drop weight:125g
Solderability Test	The terminal should at least be 90% covered with solder	The component shall be dipped in a melted solder bath at 235°C±5°C for 5 seconds.
Vibration Test (Low Frequency)	Component should not be damaged	1. Amplitude: 1.5 m/m; 2. Frequency: 10-55-10 Hz(1min); 3. Direction: X, Y, Z; 4. Duration: 2 Hrs/X, Y, Z.
Climatic Test		
Low Temperature Storage Test	Impedance change: Within±20% Without distinct damage in ppearance.	1. Temp: -40°C±2°C; 2. Time: 1000±48 Hours; 3. Component should be tested after 1 hour at room temperature.
Thermal Shock Test		
High Temperature Storage Test		1. Temp: 85°C±2°C; 2. Time: 1000±48 Hours; 3. Component should be tested after 1 hour at room temperature.
Humidity Test		1. Temp: 40°C±2°C; 2. R.H.: 90%~95%; 3. Time: 48±2 Hours
High Temperature Load Life Test		1. Temp: 85°C±2°C; 2. Time: 96±12 Hours; 3. Load: Allowed DC Current
Low Temperature Load Life Test	1. Temp: -40°C±2°C; 2. Time: 96±12 Hours; 3. Load: Allowed DC Current	

Note: Storage Temperature: 25±3°C; Humidity:<80%RH

How to Order



① SMD EMI Filters Common Mode Choke

② Shielding Type

Code	Shielding Type
A	Non Shielding
H	Shielding

③ Dimensions (L×W) (mm)

Code	Dimensions(L×W)	EIA
05	2.10×1.20	0805
06	3.20×1.60	1206

④ Impedance Tolerance: M (±20%)

⑤ Packaging

Code	Packaging
T	Taping Reel
B	Bulk

⑥ Impedance

Code	Impedance
900	90Ω
121	120Ω
102	1000Ω
222	2200Ω





SMD Coils

SMD Choke Coils Common Mode - TCB4F Series

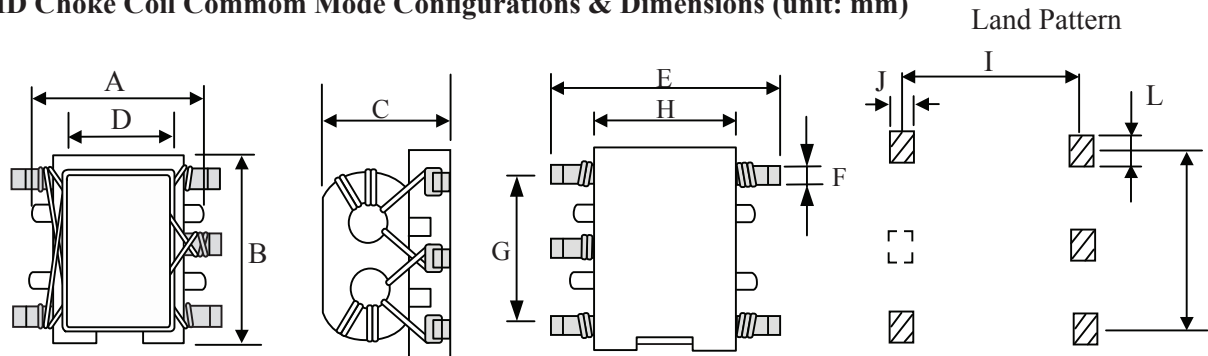
► SMD Choke Coil Common Mode Features

Pair wire coil for high stability.

► SMD Choke Coil Common Mode Applications

Double balance mixers, broad-band transformers ;
Impedance transformers, balun transformers, etc..

► SMD Choke Coil Common Mode Configurations & Dimensions (unit: mm)



Type	A±0.3	B(max)	C(max)	D±0.3	E(max)	F±0.05	G±0.5	H±0.3	I	J	K	L
TCB4F	3.8	4.4	3.5	2.0	5.5	0.7	3.0	2.7	4.4	1.3	3.0	1.0

Note: Design as Customer's Requested Specifications.

► SMD Choke Coil Common Mode Electrical Characteristics for TCB4F Series

Part Number	Winding Turns	Operating Freq. Ranges (MHz)	Insertion Loss (dB)	Figure
Double balanced mixer				
TCB4F - 617DB1007	2	25 ~ 2000	3	1
TCB4F - 617DB1009	3	6 ~ 2000	3	1
TCB4F - 617DB1006	3	150 ~ 2300	3	1
TCB4F - 617DB1010	4	3.5 ~ 2000	3	1
TCB4F - 617DB1018	5	2 ~ 2000	3	1
Frequency mixer				
TCB4F - 617PT1025	1	-	-	2
TCB4F - 617PT1019	2	8 ~ 750	3	2
TCB4F - 617PT1026	3	3.5 ~ 700	3	2
Balun transformer				
TCB4F - 617DB1021	1.5	20 ~ 750	3	3
TCB4F - 617DB1022	2.5	4.5 ~ 3300	3	3
TCB4F - 617DB1023	3.5	2.3 ~ 2700	3	3
TCB4F - 617DB1024	4.5	1.5 ~ 2400	3	3
Distributor				
TCB4F - 617DS1079	2	1300 ~ 1700	In to Out-1,2 4.5dB(max)	4
TCB4F - 617DS1076	3	800 ~ 1000	Out-1 to Out-2 (Isolation) 15dB(min)	4



SMD Coils

► SMD Choke Coil Common Mode Pin connections Diagram

Double Balanced

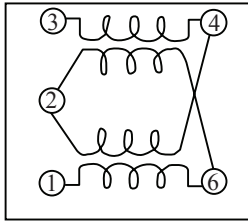


Fig. 1

Mixer transformer

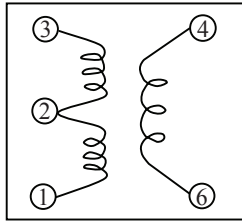


Fig. 2

Balun transformer

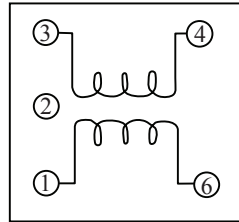


Fig. 3

Distirbutor

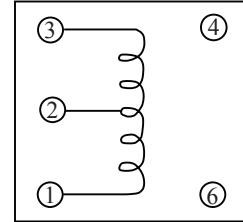


Fig. 4

► How to Order

TCB4F

-

617DB1007

①

②

① SMD Choke Coils Common Mode

② Type

Code	Type
617DB	Double balance mixer
617DB	Balun Transformer
617DS	Distributor
617PT	Frequency mixer



SMD Coils

Common Mode SMD Choke Coils - TCB4FL Series

Common Mode SMD Choke Coil Features

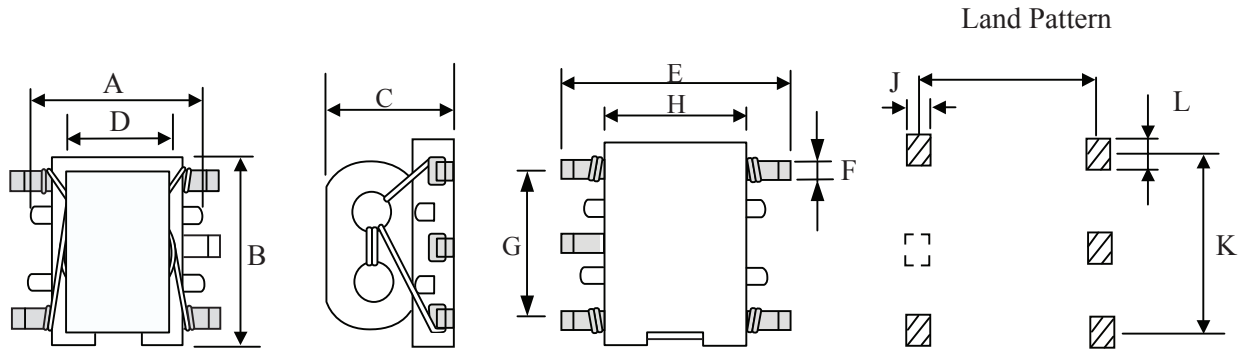
Pair and triple wire coil for high stability high balance.

Applications

Common mode filter, broad-band transformers;

Impedance transformers, balun transformers, etc..

Common Mode SMD Choke Coil Configurations & Dimensions (unit: mm)



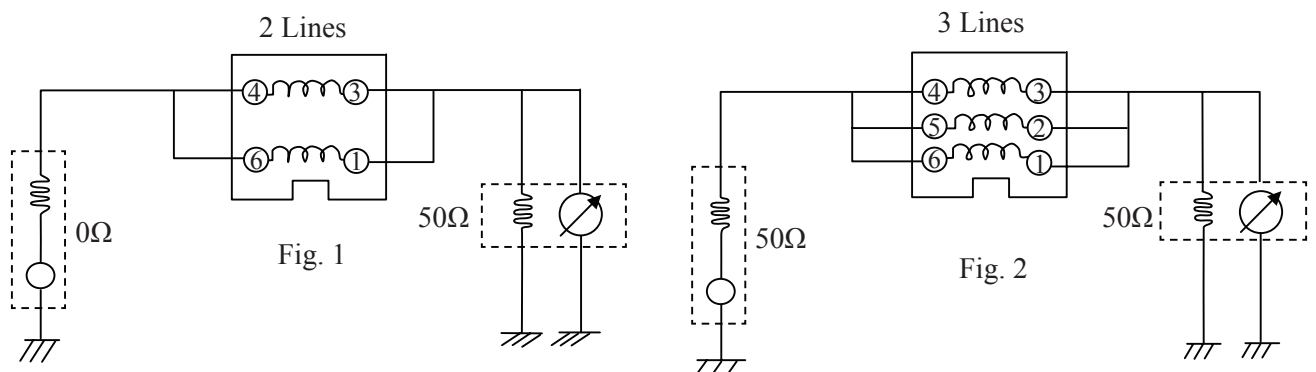
Type	A±0.3	B(max)	C(max)	D±0.3	E(max)	F±0.05	G±0.5	H±0.3	I	J	K	L
TCB4FL	3.8	4.4	3.0	2.0	5.5	0.7	3.0	2.7	4.4	1.3	3.0	1.0

Note: Design as Customer's Requested Specifications.

Common Mode SMD Choke Coil Electrical Characteristics for TCB4FL Series

Part Number	Rated D.C. Current (Amp) (40°C)	Figure
For Two Lines		
TCB4FL - 844CM1009	0.71 (Typ.)	1
TCB4FL - 844CM1010	0.71 (Typ.)	1
TCB4FL - 844CM1011	0.71 (Typ.)	1
TCB4FL - 844CM1012	0.71 (Typ.)	1
For Three Lines		
TCB4FL - 844CM1013	0.71 (Typ.)	2
TCB4FL - 844CM1014	0.71 (Typ.)	2
TCB4FL - 844CM1015	0.71 (Typ.)	2
TCB4FL - 844CM1016	0.71 (Typ.)	2

Common Mode SMD Choke Coil Pin connections Diagram





SMD Coils

► How to Order

1 TCB4FL - **2** 844CM1010

1 SMD Choke Coils Common Mode

2 Type

Code	Type
844CM	Two Lines
844CM	Three Lines



SMD Coils

Common Mode Choke Coils - TCB5F Series

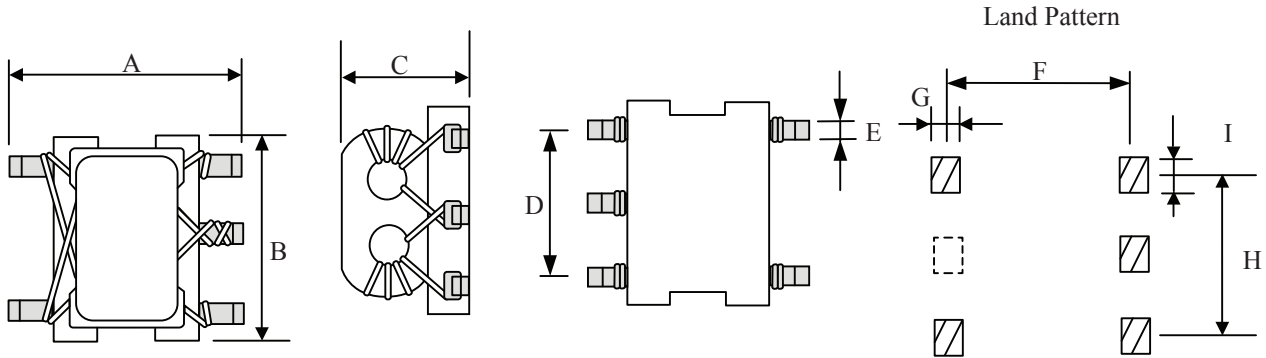
Common Mode Choke Coil Features

Pair wire coil for high stability.

Applications

Double balance mixers, broad-band transformers;
Impedance transformers, balun transformers, etc..

Common Mode Choke Coil Configurations & Dimensions (unit: mm)



Type	A(max)	B(max)	C(max)	D±0.5	E±0.05	F	G	H	I
TCB5F	6.9	6.9	4.7	4.0	0.6	5.5	1.3	4.0	1.0

Note: Design as Customer's Requested Specifications.

Common Mode Choke Coil Electrical Characteristics for TCB5F Series

Part Number	Winding Turns	Operating Freq. Ranges (MHz)	Insertion Loss (dB)	Figure
Double balanced mixer				
TCB5F - 458DB1012	1	50 ~ 400	10(max)	1
TCB5F - 458DB1013	2	10 ~ 1.0GHz	6(max)	1
TCB5F - 458DB1003	3	8 ~ 800	3.5(max)	1
TCB5F - 458DB1008	4	6 ~ 600	2.5(max)	1
TCB5F - 458DB1011	5	5 ~ 500	2(max)	1
TCB5F - 458DB1005	2	400 ~ 1.3GHz	4(max)	1
Distributor				
TCB5F - 458DS1014	-	20 ~ 600	In to Out-1,2 4.5dB(max) Out-1 to Out-2 (Isolation) 10dB(min)	3
Directional coupler				
TCB5F - 458PS1015	4	6 ~ 600	In to Out-1 1.3dB(max) In to Out-2 11dB-14dB	4
TCB5F - 458PS1006	5	6 ~ 600	In to Out-1 0.9dB(max) In to Out-2 13dB-16dB	4
TCB5F - 458PS1007	6	6 ~ 600	In to Out-1 0.8dB(max) In to Out-2 15dB-17dB	4

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SMD Coils

Continued from the preceding page.

Part Number	Winding Turns		Operating Freq. Ranges (MHz)	Insertion Loss (dB)	Figure
	Pri.	Sec.			
Frequency mixer					
TCB5F - 458PT1085	1 × 2	1	-	3	2
TCB5F - 458PT1052	2 × 2	2	9 ~ 350	3	2
TCB5F - 458PT1024	3 × 2	3	3.5 ~ 470	3	2
TCB5F - 458PT1086	4 × 2	4	2.2 ~ 400	3	2
TCB5F - 458PT1087	5 × 2	5	1.5 ~ 300	3	2

Common Mode Choke Coil Pin connections Diagram

Double Balanced mixer

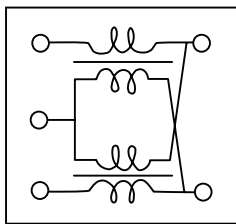


Fig.1

Transformer

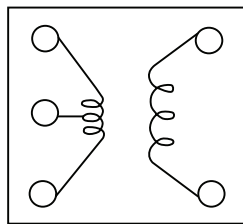


Fig.2

Distributor

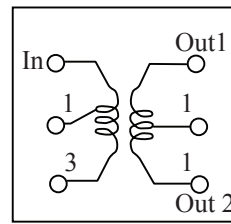


Fig.3

Directional coupler

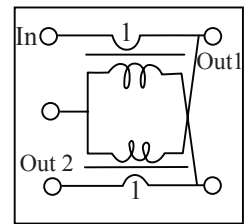


Fig.4

How to Order

TCB5F - 458DB1012

① ②

① SMD Common Mode Choke Coils

② Type

Code	Type
458DB	Double balance mixer
458DS	Distributor
458PS	Directional coupler
458PT	Frequency mixer



SMD Coils

SMD Common Mode Choke Coils - TCB5FL Series

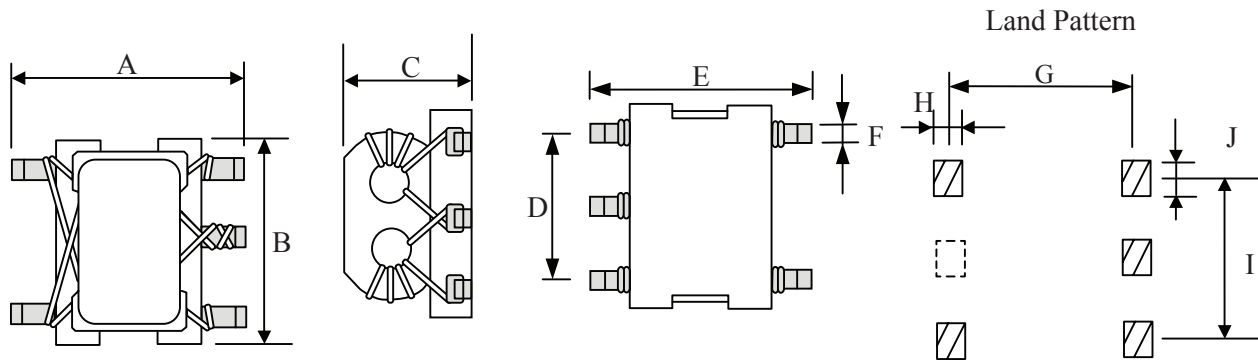
► SMD Common Mode Choke Coil Features

Pair wire coil for high stability.

► Applications

Double balance mixers, broad-band transformers;
Impedance transformers, balun transformers, etc..

► SMD Common Mode Choke Coil Configurations & Dimensions (unit: mm)



Type	A±0.3	B(max)	C(max)	D±0.5	E(max)	F±0.05	G	H	I	J
TCB5FL	3.8	6.9	3.9	4.0	6.9	0.6	5.5	1.3	4.0	1.0

Note: Design as Customer's Requested Specifications.

► SMD Common Mode Choke Coil Electrical Characteristics for TCB5FL Series

Part Number	Winding Turns	Operating Freq. Ranges (MHz)	Insertion Loss (dB)	Figure
Double balanced mixer				
TCB5FL - 616DB1003	2	30 ~ 850	3	1
TCB5FL - 616DB1004	3	6.5 ~ 1000	3	1
TCB5FL - 616DB1007	4	3.5 ~ 1600	3	1
TCB5FL - 616DB1008	5	2.5 ~ 1500	3	1
Frequency mixer				
TCB5FL - 616PT1027	1	-	3	2
TCB5FL - 616PT1028	2	8 ~ 550	3	2
TCB5FL - 616PT1029	3	3.5 ~ 500	3	2
TCB5FL - 616PT1030	4	2 ~ 370	3	2
TCB5FL - 616PT1037	1	-	3	2
TCB5FL - 616PT1038	2	500 ~ 850	3	2
TCB5FL - 616PT1039	3	240 ~ 500	3	2
TCB5FL - 616PT1040	4	85 ~ 380	3	2
Balun transformer				
TCB5FL - 616DB1048	1.5	5.5 ~ 850	3	3
TCB5FL - 616DB1049	2.5	2.5 ~ 2000	3	3
TCB5FL - 616DB1050	3.5	1.2 ~ 1700	3	3

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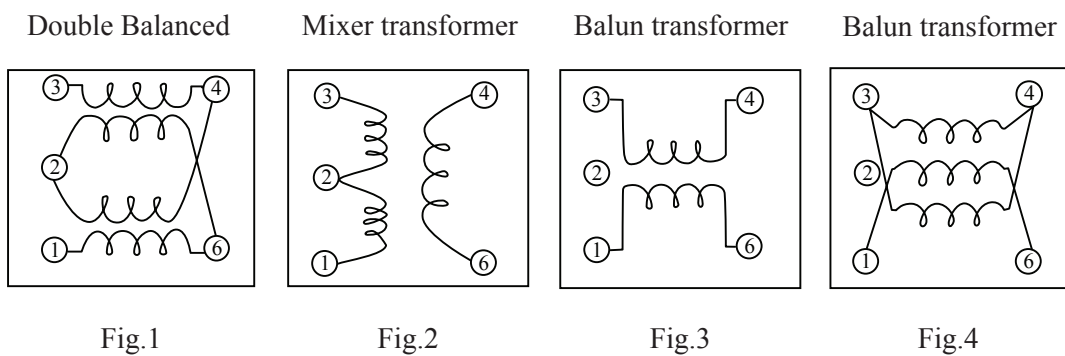


SMD Coils

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Part Number	Winding Turns	Operating Freq. Ranges (MHz)	Insertion Loss (dB)	Figure
TCB5FL - 616DB1051	4.5	0.8 ~ 1400	3	3
TCB5FL - 616DB1078	5.5	0.6 ~ 1300	3	3
Balun transformer				
TCB5FL - 616DB1053	1.5	160 ~ 2200	3	4
TCB5FL - 616DB1017	2.5	55 ~ 1700	3	4
TCB5FL - 616DB1054	3.5	30 ~ 1400	3	4

SMD Common Mode Choke Coil Pin connections Diagram



How to Order

TCB5FL - 616DB1003

① ②

① SMD Choke Coils Common Mode

② Type

Code	Type
616DB	Double balance mixer
616DB	Balun Transformer
616PT	Frequency mixer



SMD Coils

RFID Transponder Coils - TC4308I Series

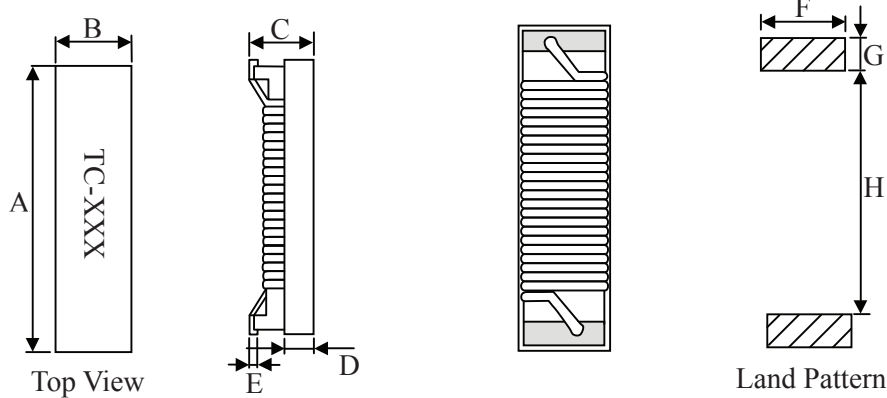
RFID Transponder Coil Features

- High Q value.
- Low profile with an extended length.

RFID Transponder Coil Applications

- Car remote control key.

RFID Transponder Coil Configurations & Dimensions (unit: mm)



Type	A	B	C	D	E	F	G	H
TC4308I	11.43	3.15	2.74	1.01	0.51	2.79	1.78	8.46

Note: Design as Customer's Requested Specifications.

RFID Transponder Coil Electrical Characteristics for TC4380I Series

Part Number	Inductance (mH)	Q (min)	Test Freq. (KHz)	SRF (KHz)(min)	DCR (Ω)(max)
TC4308I - 401J	0.40	15	125	4500	7.4
TC4308I - 901J	0.90	15	125	4000	22
TC4308I - 112J	1.08	15	125	4000	25
TC4308I - 202J	1.97	17	125	2400	34
TC4308I - 242J	2.38	17	125	2200	39
TC4308I - 332J	3.30	17	125	1800	51
TC4308I - 412J	4.15	17	125	1700	74
TC4308I - 492J	4.90	17	125	1300	96
TC4308I - 682J	6.80	17	125	1000	112
TC4308I - 712J	7.10	17	125	1000	115
TC4308I - 812J	8.10	17	125	960	123

Note: Test Freq.: 125KHz / 0.25V. Operating Temp.: -40°C+85°C.

How to Order

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①
②
③

① Coils RFID Transponder

② Inductance

③ Tolerance

Code	Tolerance
J	5%
K	10%
M	20%

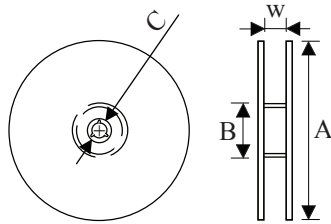


Tape and Reel Specifications

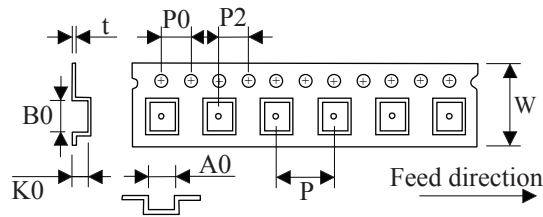
Tape and Reel Specifications for Surface Mount

► Tape and Reel Specifications for Surface Mount (Unit: mm)

1. Reel Dimensions



2. Tape Dimensions

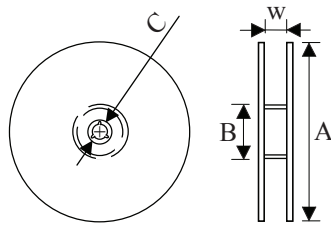


TOKEN Part No.	Piece / Reel		Reel Dimensions				Tape Dimensions							
	178	330	A	B	C	W	A0	B0	K0	P	P0	P2	W	t
Multilayer Chip Inductors														
TCMF100505	10,000	-	178	62	13	8.5	0.65	1.15	0.80	2	4	2	8	0.23
TCMF/I160808	4,000	-	178	62	13	8.5	1.01	1.80	1.05	4	4	2	8	0.23
TCMF/I201209	4,000	-	178	62	13	8.5	1.42	2.24	1.04	4	4	2	8	0.23
TCMI201212	2,000	-	178	62	13	8.5	1.50	2.30	1.60	4	4	2	8	0.23
TCMI321611	3,000	-	178	62	13	8.5	1.88	3.50	1.27	4	4	2	8	0.23
Multilayer Chip Beads for Large Current														
TCMB100505	10,000	-	178	62	13	8.5	0.65	1.15	0.80	2	4	2	8	0.23
TCMA/B160808	4,000	-	178	62	13	8.5	1.01	1.80	1.05	4	4	2	8	0.23
TCMA/B201209	4,000	-	178	62	13	8.5	1.42	2.24	1.04	4	4	2	8	0.23
TCMA/B321611	3,000	-	178	62	13	8.5	1.88	3.50	1.27	4	4	2	8	0.23
TCMB321616	2,000	-	178	62	13	8.5	1.88	3.61	1.78	4	4	2	8	0.23
TCMA/B322513	2,000	-	178	62	13	8.5	2.69	3.48	1.43	4	4	2	8	0.23
TCMA/B451616	2,000	-	178	62	13	12.5	1.93	4.95	1.93	4	4	2	12	0.23
TCMA/B453215	1,000	-	178	62	13	12.5	3.66	4.95	1.83	8	4	2	12	0.23
RFID Transponder Coils														
TC4308I	-	3,000	330	100	13	24.5	3.30	11.55	2.70	8	4	2	24	0.35
Common Mode Choke Coils														
TCB4F	-	2,000	330	100	13	12.5	4.40	5.40	3.50	8	4	2	12	0.4
TCB4FL	-	2,000	330	100	13	12.5	4.40	5.40	3.20	8	4	2	12	0.4
TCB5F	-	1,000	330	100	13	16.5	6.40	6.90	4.60	12	4	2	16	0.4
TCB5FL	-	1,500	330	100	13	16.5	6.40	6.90	3.95	12	4	2	16	0.4
Air Core Inductors (Flat Top Air Core Inductors)														
TCAM0603	-	4,000	330	100	13	12.5	1.55	2.00	2.00	8	4	2	12	0.3
TCAM0805	-	4,000	330	100	13	12.5	1.55	2.50	2.00	8	4	2	12	0.3
TCAM1008	-	4,000	330	100	13	12.5	1.55	3.20	2.00	8	4	2	12	0.3
TCAM2215	-	4,000	330	100	13	12.5	1.60	2.40	1.50	8	4	2	12	0.3
TCAM4015	-	4,000	330	100	13	12.5	1.60	4.20	1.50	8	4	2	12	0.3
TCAM3730	-	2,500	330	100	13	12.5	3.50	4.00	3.20	8	4	2	12	0.3
TCAM7030	-	2,000	330	100	13	16.5	3.50	7.00	3.20	8	4	2	16	0.3
TCAM1812	-	2,000	330	100	13	16.5	5.45	6.80	4.00	8	4	2	16	0.3
TCAM132	-	1,000	330	100	13	16.5	4.70	9.10	4.90	8	4	2	16	0.3

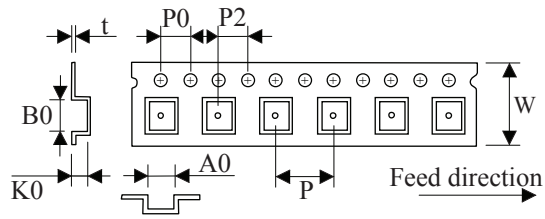


Tape and Reel Specifications

1. Reel Dimensions



2. Tape Dimensions

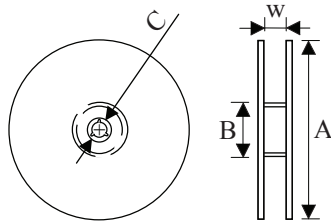


TOKEN Part No.	Piece / Reel		Reel Dimensions				Tape Dimensions							
	178	330	A	B	C	W	A0	B0	K0	P	P0	P2	W	t
Shielded Power Inductors - TCD series														
TCD62LCB	-	2,000	330	100	13	12.5	6.20	6.20	2.10	8	4	2	12	0.3
TCD62CB	-	2,000	330	100	13	12.5	6.30	6.30	2.60	8	4	2	12	0.3
TCD63LCB	-	2,000	330	100	13	12.5	6.20	6.20	3.10	8	4	2	12	0.4
TCD63CB	-	1,500	330	100	13	12.5	6.35	6.35	3.55	12	4	2	12	0.4
TCD73C	-	1,000	330	100	13	16.5	7.60	7.60	4.00	12	4	2	16	0.3
TCD75C	-	1,000	330	100	13	16.5	7.60	7.60	5.40	12	4	2	16	0.4
TCD1014C	-	2,000	330	100	13	24.5	10.50	10.50	2.00	16	4	2	24	0.4
TCD4009C	-	5,000	330	100	13	12.5	5.15	5.15	1.5	8	4	2	12	0.4
TCD4011C	-	5,000	330	100	13	12.5	5.15	5.15	1.5	8	4	2	12	0.4
TCD4014C	-	5,000	330	100	13	12.5	5.15	5.15	1.5	8	4	2	12	0.4
TCD7014C	-	2,500	330	100	13	16.5	7.40	7.40	2.00	12	4	2	16	0.4
TCD7026C	-	1,500	330	100	13	16.5	7.40	7.40	3.00	12	4	2	16	0.4
Shielded Power Inductors - RB series														
TCR63B	-	2,000	330	100	13	12.5	5.70	6.30	3.60	8	4	2	12	0.3
TCR74B	-	1,000	330	100	13	16.5	7.20	8.00	5.60	12	4	2	16	0.35
TCR105B	-	500	330	100	13	24.5	9.20	10.20	5.90	12	4	2	24	0.4
Shielded Power Inductors - RH series														
TCRH62B	-	1,500	330	100	13	16.5	6.55	7.00	3.20	12	4	2	16	0.4
TCRH64B	-	1,000	330	100	13	16.5	6.55	7.00	5.20	12	4	2	16	0.4
TCRH73	-	1,000	330	100	13	16.5	7.60	7.60	4.00	12	4	2	16	0.3
TCRH74	-	1,000	330	100	13	16.5	7.60	7.60	5.40	12	4	2	16	0.4
TCRH124	-	500	330	100	13	24.5	12.55	12.55	5.05	16	4	2	24	0.35
TCRH125	-	500	330	100	13	24.5	12.55	12.55	6.40	16	4	2	24	0.35
TCRH127	-	500	330	100	13	24.5	12.55	12.55	8.10	16	4	2	24	0.35
TCRH124B	-	500	330	100	13	24.5	12.55	12.55	5.05	16	4	2	24	0.35
TCRH125B	-	500	330	100	13	24.5	12.55	12.55	6.40	16	4	2	24	0.35
TCRH127B	-	500	330	100	13	24.5	12.55	12.55	8.10	16	4	2	24	0.35
TCRH103R	-	1,000	330	100	13	24.5	10.30	10.50	3.10	16	4	2	24	0.35
TCRH104R	-	1,000	330	100	13	24.5	10.30	10.50	4.10	16	4	2	24	0.35
TCRH105R	-	500	330	100	13	24.5	10.30	10.50	5.10	16	4	2	24	0.35
TCRH8D43	-	500	330	100	13	16.5	9.90	8.30	4.50	16	4	2	16	0.4

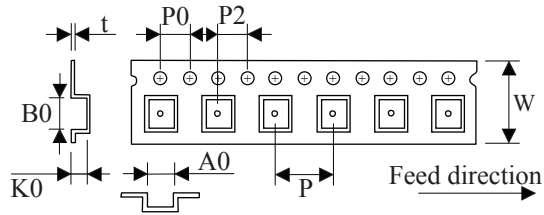


Tape and Reel Specifications

1. Reel Dimensions



2. Tape Dimensions



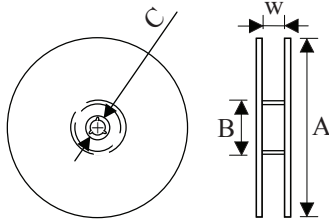
TOKEN Part No.	Piece / Reel		Reel Dimensions				Tape Dimensions							
	178	330	A	B	C	W	A0	B0	K0	P	P0	P2	W	t
Shielded Power Inductors - RH series														
TCRH2D18A	-	3,000	330	100	13	12.5	3.40	3.40	2.10	8	4	2	12	0.35
TCRH3D16A	-	3,000	330	100	13	12.5	4.10	4.10	2.10	8	4	2	12	0.35
TCRH4D18	-	2,000	330	100	13	12.5	5.10	5.10	2.10	8	4	2	12	0.3
TCRH4D28	-	2,000	330	100	13	12.5	5.10	5.10	3.10	8	4	2	12	0.3
TCRH5D18	-	2,000	330	100	13	12.5	6.10	6.10	2.10	8	4	2	12	0.3
TCRH5D28	-	2,000	330	100	13	12.5	6.10	6.10	3.10	8	4	2	12	0.3
TCRH6D28	-	1,000	330	100	13	16.5	7.60	7.60	3.10	12	4	2	16	0.35
TCRH6D38	-	1,000	330	100	13	16.5	7.60	7.60	4.10	12	4	2	16	0.35
TCRH8D28	-	1,000	330	100	13	16.5	9.90	8.30	3.00	16	4	2	16	0.4
TCRH8D43	-	500	330	100	13	16.5	9.90	8.30	4.50	16	4	2	16	0.4
Shielded Power Inductors - DS series														
TCDS104C2	-	500	330	100	13	24.5	10.30	10.50	5.10	16	4	2	24	0.35
TCDS106C2	-	500	330	100	13	24.5	10.60	10.70	7.00	16	4	2	24	0.5
TCDS126C2	-	500	330	100	13	24.5	12.55	12.55	8.10	16	4	2	24	0.35
Shielded Power Inductors - SLF series														
TCSLF6028	-	1,500	330	100	13	12.5	6.35	6.35	3.55	12	4	2	12	0.4
TCSLF10145	-	500	330	100	13	24.5	10.30	10.50	5.10	16	4	2	24	0.4
TCSLF12555	-	500	330	100	13	24.5	13.05	13.05	6.20	16	4	2	24	0.4
TCSLF12565	-	500	330	100	13	24.5	13.05	13.05	7.20	16	4	2	24	0.4
TCSLF12575	-	500	330	100	13	24.5	13.05	13.05	8.20	16	4	2	24	0.4
Shielded Power Inductors - DC series														
TC1608DC	-	2,500	330	100	13	16.5	4.25	6.50	3.00	8	4	2	16	0.35
TC3316DC	-	1,000	330	100	13	24.5	9.55	13.10	5.40	12	4	2	24	0.35
TC5022DC	-	250	330	100	13	32.5	15.40	18.80	7.50	20	4	2	32	0.4
SMT Unshielded Power Inductors - UD Series														
TCD4006	1,000	-	178	62	13	12.5	5.80	6.30	1.30	8	4	2	12	0.4
TCD4008	1,000	-	178	100	13	12.5	5.80	6.30	1.30	8	4	2	12	0.4
TCD4011	1,000	-	178	100	13	12.5	4.50	5.60	1.55	8	4	2	12	0.4
TCD4013	1,000	-	178	100	13	12.5	4.50	5.60	1.55	8	4	2	12	0.4
TCD5011	-	4,500	330	100	13	12.5	5.90	7.50	1.70	8	4	2	12	0.4
TCD5013	-	4,500	330	100	13	12.5	5.90	7.50	1.70	8	4	2	12	0.4



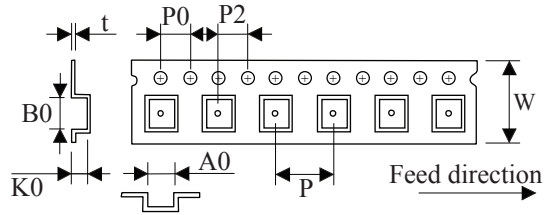


Tape and Reel Specifications

1. Reel Dimensions



2. Tape Dimensions



TOKEN Part No.	Piece / Reel		Reel Dimensions				Tape Dimensions							
	178	330	A	B	C	W	A0	B0	K0	P	P0	P2	W	t

SMT Unshielded Power Inductors - UTC series

TC32	2,000	-	178	62	13	8.5	3.12	3.84	2.24	4	4	2	8	0.3
TC43	-	1,500	330	100	13	12.5	4.20	4.60	3.60	8	4	2	12	0.3
TC52	-	2,500	330	100	13	12.5	5.50	6.00	2.70	8	4	2	12	0.3
TC53	-	1,500	330	100	13	12.5	5.60	6.20	3.30	8	4	2	12	0.4
TC54	-	1,500	330	100	13	12.5	5.60	6.20	4.70	8	4	2	12	0.3
TC73	-	1,000	330	100	13	16.5	7.30	8.00	3.80	12	4	2	16	0.3
TC75	-	1,000	330	100	13	16.5	7.20	8.00	5.60	12	4	2	16	0.35
TC104	-	500	330	100	13	24.5	9.60	10.30	4.20	12	4	2	24	0.35
TC105	-	500	330	100	13	24.5	9.60	10.30	5.80	12	4	2	24	0.4

TCD73F	-	1,000	330	100	13	16.5	7.60	7.60	4.00	12	4	2	16	0.3
TCD75F	-	1,000	330	100	13	16.5	7.60	7.60	5.40	12	4	2	16	0.4
TC1608DF	-	2,500	330	100	13	16.5	4.25	6.50	3.00	8	4	2	16	0.35
TC3308DF	-	1,000	330	100	13	24.5	9.70	13.25	3.30	12	4	2	24	0.35
TC3316DF	-	1,000	330	100	13	24.5	9.55	13.10	5.40	12	4	2	24	0.35
TC3340DF	-	225	330	100	13	32.5	9.70	13.40	11.50	20	4	2	32	0.5
TC5022DF	-	250	330	100	13	32.5	15.40	18.80	7.50	20	4	2	32	0.4
TC1813DHP	-	1,000	330	100	13	16.5	6.30	9.15	4.90	12	4	2	16	0.4
TC3316DHP	-	1,000	330	100	13	24.5	9.55	13.10	5.40	12	4	2	24	0.35
TC5022DHP	-	250	330	100	13	32.5	16.00	21.90	7.65	20	4	2	32	0.5

Backlight Power Inductors

TC1608DBL	-	2,500	330	100	13	16.5	4.25	6.50	3.00	8	4	2	16	0.35
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Toroidal Power Inductors

TCTX-2P	-	500	330	100	13	24.5	10.25	10.25	5.50	16	4	2	24	0.4
TCTX-4P	-	500	330	100	13	24.5	12.70	12.70	7.00	16	4	2	24	0.4
TC302	-	500	330	100	13	24.5	8.95	10.25	6.90	16	4	2	24	0.4
TC502	-	250	330	100	13	32.5	13.80	16.50	10.20	24	4	2	32	0.4
TC302A	-	500	330	100	13	24.5	8.95	10.25	6.90	16	4	2	24	0.4
TC502A	-	250	330	100	13	32.5	13.80	16.50	10.20	24	4	2	32	0.4
TC0718	-	3,000	330	100	13	16.5	5.30	7.90	2.20	8	4	2	16	0.4