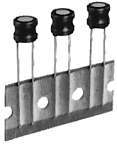
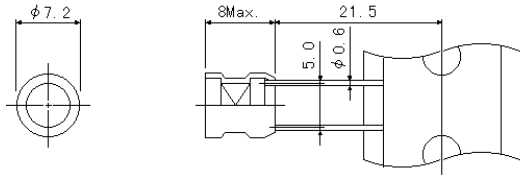


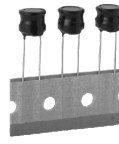
7607



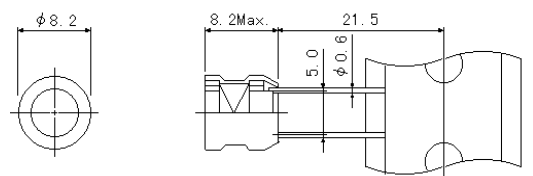
Frequency Range: ~1MHz
 Inductance Range: 6.8 ~ 3300μH
 Temperature Coefficient: +500±400ppm/°C



7608M



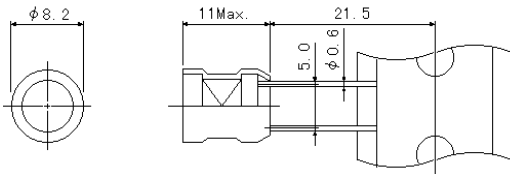
Frequency Range: ~2MHz
 Inductance Range: 10 ~ 1000μH
 Temperature Coefficient: +800±400ppm/°C



7608



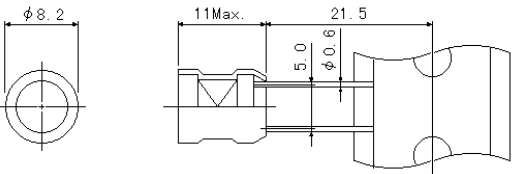
Frequency Range: ~1MHz
 Inductance Range: 10μH ~ 15000μH
 Temperature Coefficient: +250±400ppm/°C



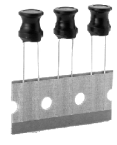
7608A



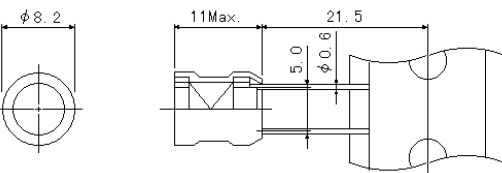
Frequency Range: ~2MHz
 Inductance Range: 10 ~ 3300μH
 Temperature Coefficient: +800±400ppm/°C



7608N



Frequency Range: ~2MHz
 Inductance Range: 10 ~ 1000μH
 Temperature Coefficient: +800±400ppm/°C



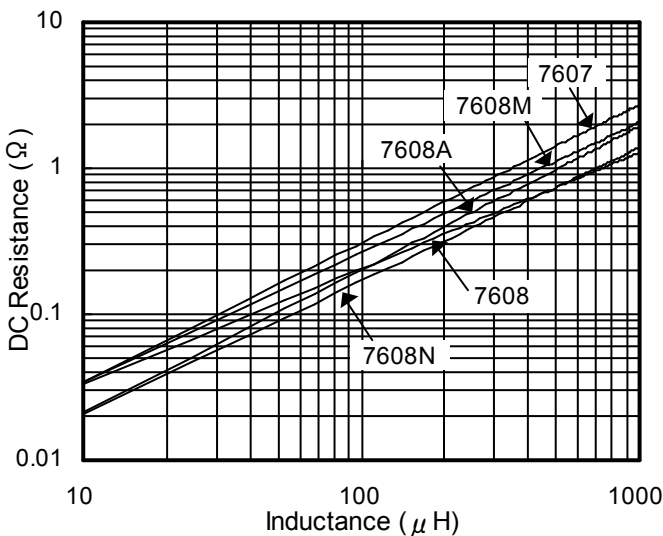
Features

- Usable as power supply choke coil

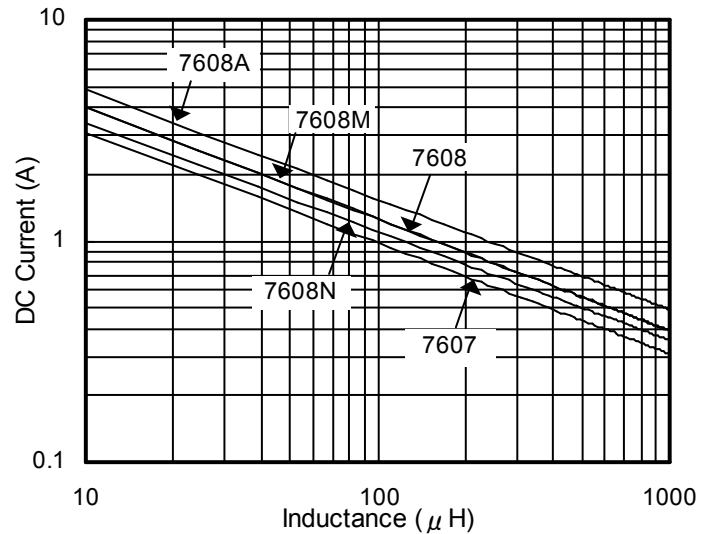
特長

- 電源回路のチョークコイルとして最適

Characteristics of DC Resistance



Characteristics of DC Superposition



Notes: 1. Graphs are based on typical values of each type, not spec. values.
 2. DC current value is being measured at 10% decrease of inductance.

記事: 1. 特性グラフは各タイプの代表値を基に作成しています。規格値ではありません。
 2. 電流値はインダクタンスが10%低下する時の値です。

Coil Selection Guide

Inductance インダクタンス		DC Resistance 直流抵抗 (Ω) max. - typical					DC saturation allowable current 直流重畳許容電流 (A)					Temperature rise allowable current 温度上昇許容電流 (A)				
Code	(μH)	7607	7608	7608A	7608M	7608N	7607	7608	7608A	7608M	7608N	7607	7608	7608A	7608M	7608N
6R8	6.8	0.044	0.033				2.50					2.00				
8R2	8.2	0.046	0.035				2.20					1.95				
100	10	0.055	0.041	0.043	0.031	0.026	0.024	0.036	0.030	0.036	0.027	2.10	2.30	3.50	3.00	2.50
120	12	0.062	0.046	0.048	0.035	0.030	0.028	0.043	0.035	0.040	0.029	2.00	2.20	3.10	2.50	2.10
150	15	0.068	0.051	0.051	0.038	0.039	0.031	0.049	0.039	0.050	0.033	1.90	2.10	2.80	2.40	1.90
180	18	0.088	0.065	0.058	0.042	0.041	0.037	0.053	0.440	0.053	0.039	1.70	2.00	2.40	2.20	1.80
220	22	0.095	0.071	0.060	0.046	0.058	0.047	0.063	0.051	0.063	0.045	1.60	1.80	2.20	1.90	1.60
270	27	0.11	0.079	0.068	0.052	0.064	0.055	0.080	0.063	0.072	0.051	1.50	1.60	2.10	1.80	1.40
330	33	0.14	0.102	0.076	0.150	0.084	0.067	0.10	0.083	0.076	0.056	1.30	1.50	1.90	1.60	1.30
390	39	0.16	0.140	0.096	0.072	0.092	0.077	0.12	0.093	0.087	0.063	1.20	1.30	1.70	1.40	1.20
470	47	0.19	0.137	0.11	0.077	0.11	0.084	0.14	0.105	0.10	0.072	1.10	1.20	1.60	1.30	1.10
560	56	0.24	0.180	0.13	0.094	0.13	0.102	0.16	0.120	0.12	0.086	1.05	1.10	1.40	1.20	1.00
680	68	0.27	0.202	0.15	0.111	0.18	0.135	0.21	0.169	0.14	0.101	1.00	1.00	1.30	1.10	0.92
820	82	0.31	0.231	0.20	0.146	0.20	0.171	0.25	0.187	0.18	0.134	0.90	0.93	1.20	1.00	0.85
101	100	0.38	0.284	0.23	0.165	0.26	0.197	0.34	0.259	0.21	0.154	0.82	0.85	1.10	0.92	0.76
121	120	0.44	0.324	0.25	0.184	0.29	0.239	0.38	0.291	0.25	0.177	0.74	0.78	1.00	0.88	0.70
151	150	0.63	0.466	0.35	0.261	0.37	0.283	0.44	0.334	0.28	0.206	0.67	0.71	0.90	0.77	0.65
181	180	0.71	0.529	0.40	0.296	0.42	0.385	0.51	0.387	0.37	0.268	0.56	0.64	0.80	0.69	0.60
221	220	0.82	0.614	0.53	0.398	0.58	0.430	0.70	0.535	0.46	0.330	0.49	0.57	0.71	0.65	0.52
271	270	1.1	0.783	0.60	0.453	0.67	0.559	0.80	0.624	0.62	0.453	0.46	0.52	0.66	0.57	0.47
331	330	1.2	0.898	0.70	0.522	0.85	0.693	1.1	0.827	0.71	0.521	0.41	0.47	0.58	0.51	0.43
391	390	1.7	1.180	0.78	0.585	1.1	0.762	1.2	0.927	0.81	0.588	0.38	0.44	0.54	0.46	0.38
471	470	1.9	1.340	0.97	0.728	1.2	1.042	1.4	1.050	1.1	0.785	0.35	0.39	0.50	0.42	0.35
561	560	2.1	1.510	1.2	0.863	1.6	1.156	1.8	1.351	1.2	0.873	0.33	0.36	0.45	0.40	0.32
681	680	2.8	2.050	1.4	0.789	1.8	1.300	2.1	1.559	1.4	0.993	0.30	0.32	0.41	0.35	0.30
821	820	3.2	2.340	1.8	1.352	2.0	1.483	2.7	2.040	1.9	1.377	0.28	0.30	0.37	0.33	0.28
102	1000	4.3	3.200	2.1	1.524	2.6	1.947	3.0	2.335	2.1	1.552	0.24	0.28	0.34	0.30	0.25
122	1200	4.9	3.568	2.3	1.740	2.8	2.185					0.23	0.25	0.33		
152	1500	5.7	4.066	3.0	2.304	3.8	3.070					0.21	0.22	0.31		
182	1800	6.4	4.612	4.2	3.054	4.4	3.395					0.18	0.19	0.30		
222	2200	9.3	6.684	4.8	3.512	5.1	3.886					0.15	0.18	0.29		
272	2700	11.0	7.732	5.5	3.512	6.3	4.854					0.14	0.16	0.28		
332	3300	13.0	8.916	7.2	5.456	7.6	5.826					0.13	0.14	0.25		
392	3900			8.1	6.044								0.13			
472	4700			9.1	6.910								0.12			
562	5600			11.0	7.580								0.11			
682	6800			15.0	10.54								0.10			
822	8200			17.0	12.56								0.10			
103	10000			19.0	13.94								0.09			
123	12000			27.0	19.66								0.08			
153	15000			31.0	23.20								0.08			

- Notes: 1. Measurement Frequency for Inductance: 1kHz.
 2. DC saturation allowable current: Value of inductance decrease within 10%.
 3. Temperature rise allowable current: See Table below for Value of Temperature Rise.

- 記事: 1. インダクタンス測定周波数: 1kHz
 2. 直流重畳許容電流: インダクタンスの減少が10%以内の直流電流値。
 3. 温度上昇許容電流: 温度上昇値は下記の表を参照。

Inductance range インダクタンス範囲

Tolerance	7607	7608	7608A	7608M	7608N
±20%(M)	6.8μH-8.2μH	----	----	----	----
±15%(L)	----	10μH			
±10%(K)	10μH-3300μH	12μH-15000μH	12μH-3300μH	12μH-1000μH	

Temperature rise 温度上昇

7607	7608	7608A	7608M	7608N
+40°C max.		+35°C max.		

Parts Code 品番コード例

7607	-	101	K
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Type Inductance Code Tolerance
 タイプ インダクタンスコード 許容差

General characteristics

一般仕様

項目 Item	条件 Condition	規格 Specifications
耐振性 Vibration	<p>掃引の割合 10~55~10Hz/分、全振幅 1.5mmの振動を互いに垂直な3方向に各2時間（合計6時間）加えた後測定する。 その他、JIS C 60068-2-6 を参照する。 Only endurance conditioning by a frequency sweep shall be made. The entire frequency range, from 10 to 55Hz and return to 10Hz, shall be traversed in 1 minute. Amplitude (total excursion) : 1.5mm This motion shall be applied for a period of 2 hours in each of 3 mutually perpendicular directions (a total of 6 hours). For other procedures, refer to IEC 60068-2-6.</p>	<p>1. インダクタンスの変化 初期値 ± 5%以下</p> <p>2. 機械的損傷、及び外観に著しい変化の無い事。</p> <p>1.Relative to the value before test Inductance: Within ± 5%</p>
耐衝撃性 Shock	<p>衝撃試験機により、加速度981m/s²(100G) 作用時間 6msの正弦半波の衝撃を 6面×3回（合計18回）加えた後測定する。 その他、JIS C 60068-2-27 を参照する。 Pulse shape : Half sine Peak acceleration : 981m/s² (100G) Duration of the pulse : 6ms Three successive shocks shall be applied in both directions of 3 mutually perpendicular axis (a total 18 shocks). For other procedures, refer to IEC 60068-2-27.</p>	<p>2.Mechanical damage and appearance of without distinct change.</p>
耐湿特性 Damp Heat (Steady State)	<p>温度 +40±2℃、湿度 90~95% RHの槽中に 96±4 時間放置し、常温常湿中に1~2時間放置後測定する。 その他、JIS C 60068-2-3 を参照する。 The coil shall be stored at a temperature of +40±2deg.C with relative humidity of 90% to 95% for 96±4hours. And then the coil shall be subjected to standard atmospheric conditions for 1 to 2 hours, after which measurement shall be made. For other procedures, refer to IEC 60068-2-3.</p>	
耐電圧 WithStand Voltage	<p>巻線・コア間に DC100Vを 1分間加える。 100V DC shall be applied for 1minute between winding and core.</p>	<p>異常の無い事 Without damage</p>
絶縁抵抗 Insulation Resistance	<p>巻線・コア間に DC 100Vを 1分間加えた後に測定する。 100V DC shall be applied for 1minute after which measurement shall be made, between winding and core.</p>	<p>100MΩ min.</p>
使用温度範囲 Operating Temperature	<p>-20℃~+85℃（自己発熱を含む The selfheating is included）</p>	

Notes

This specification is applied for the 'SMD Chip Inductors', 'SMD Power Inductors', and 'Power Inductors'.
We have prepared general specification for individual products (included special requirements) separately.
Please contact our sales person in each facilities.

注記

上記仕様は「面実装用チップインダクタ」「面実装用パワーインダクタ」「パワーインダクタ」に適用しております。

個々製品（特殊仕様を含む）につきましてはご要望に合わせた仕様をご用意いたしております。
弊社営業担当までお問い合わせください。

Taping for Automatic Insertion of SMD Coils and Filters

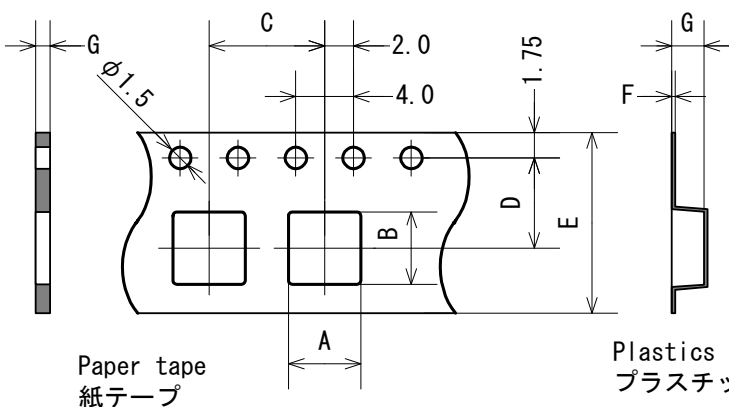
自動装着用コイル・フィルタ テーピング梱包

- For SMD use we have tape packaging matching each SMD type.
- Refer to the specifications below.
- SMDの自動装着用として、各種形状に合わせたテーピング梱包を取り揃えて居ります。
- 尚、仕様は下記の様になっておりますので参照して下さい。

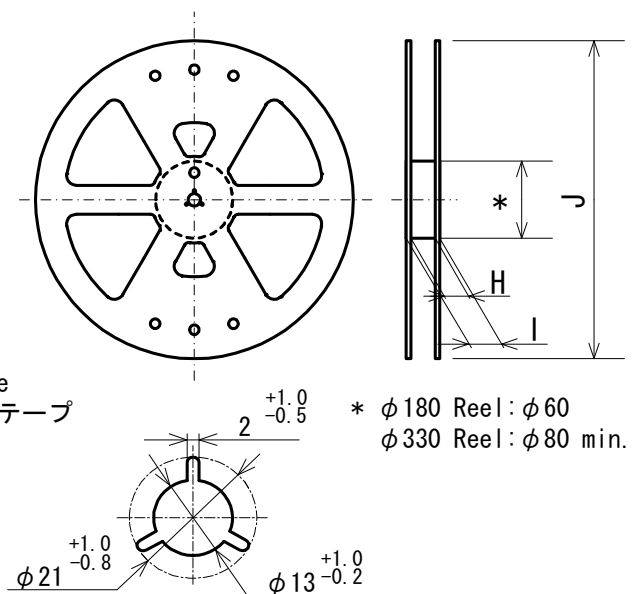
1. The protective tape should not cover the lead holes, and has to be set within the width of the tape.
2. The adhesive strength of the protective tape must be within 0.2 ~ 0.7N (20.4 ~ 71.4gf).
3. The tolerance for accumulated of 10 holes must be within 40 ± 0.2 mm.
4. The electrode side must be positioned on the bottom as shown the drawing "2. Coil Positioning" on the previous page.
5. The deficiency per reel is within 1 piece.
6. The reel shows part number, quantity and the lot number.
7. For others not specified here will follow IEC 60286 Packaging of Electronic Components on Continuous Tapes (Surface Mounting Devices).

1. シールテープはエンボステープの送り穴を塞いだり、エンボステープからはみ出していない事。
2. シールテープの剥離強度は、0.2~0.7N (20.4~71.4gf) 以内とする。
3. 送り穴の誤差は、累積 10 ピッチで 40 ± 0.2 mm とする。
4. 部品の挿入方向は一定 (部品装着図参照) とし、取付電極面を下面とする。
5. 部品の歯抜けは、1 リール中に 1 個以下とする。
6. リール側面には、貴社部品番号、数量、ロット番号を表示する。
7. この図面に記載無き内容に就いては、IEC 60286 電子部品のテーピング (表面実装部品) による。

Tape Dimensions (mm)



Reel Dimensions (mm)



An example of reel design and shape.
リール形状・デザインは一例です。

Taping for Automatic Insertion of SMD Coils and Filters

自動装着用コイル・フィルタ テーピング梱包

Applications	Q'ty pcs.	Tape Number	Dimensions (mm)									
			A	B	C	D	E	F	G	H	I	J
10BGH	500	CT-106	12.1	12.1	16.0	11.5	24.0	0.4	6.8	25.5	29.5	330
11EHH	600	CT-51	11.6	13.0	16.0	11.5	24.0	0.4	6.3	25.4	29.4	330
4BLH	2000	CT-167	5.4	4.4	8.0	5.5	12.0	0.4	3.3	13.4	17.4	330
4BMH	3000	CT-123	4.9	5.2	8.0	5.5	12.0	0.4	2.1	13.4	17.4	330
5RLH	2500	CT-125	4.9	5.2	8.0	5.5	12.0	0.4	3.1	13.4	17.4	330
5RLHA	3000	CT-124	4.9	5.2	8.0	5.5	12.0	0.4	2.6	13.4	17.4	330
5RMH	3000	CT-123	4.9	5.2	8.0	5.5	12.0	0.4	2.1	13.4	17.4	330
6BLH	1500	CT-64A	6.6	6.9	12.0	7.5	16.0	0.4	3.3	17.4	21.4	330
6RKH	1200	CT-67	6.6	6.9	12.0	7.5	16.0	0.4	4.3	17.4	21.4	330
6RLH	1500	CT-64A	6.6	6.9	12.0	7.5	16.0	0.4	3.3	17.4	21.4	330
6RLHA	1500	CT-66A	6.6	6.9	12.0	7.5	16.0	0.4	2.8	17.4	21.4	330
7006-2L	1000	CT-113	6.4	6.7	8.0	7.5	16.0	0.4	4.1	17.4	21.4	330
7006-2M	1500	CT-207	6.4	6.7	8.0	7.5	16.0	0.4	4.8	17.5	21.5	330
7006-2N	1200	CT-206	6.4	6.7	8.0	7.5	16.0	0.4	5.8	17.5	21.5	330
7006-2S	2200	CT-217	6.4	6.7	8.0	7.5	16.0	0.4	3.6	17.4	21.4	330
7006D-1M	1000	CT-93	7.7	8.4	12.0	7.5	16.0	0.4	1.3	17.5	21.5	180
7008-1M/2M	1000	CT-61	8.5	11.3	12.0	11.5	24.0	0.4	4.4	25.4	29.4	330
7008-1N	700	CT-211	8.5	11.4	12.0	11.5	24.0	0.4	6.7	25.5	29.5	330
7008-2N	500	CT-168	8.5	11.3	12.0	11.5	24.0	0.4	5.4	25.4	29.4	330
7010-2M	500	CT-166	12.1	12.1	16.0	11.5	24.0	0.4	5.3	25.4	29.4	330
7010-2N	500	CT-106	12.1	12.1	16.0	11.5	24.0	0.4	6.8	25.4	29.4	330
7012-2N	500	CT-106	12.1	12.1	16.0	11.5	24.0	0.4	6.8	25.4	29.4	330
7012-2H	300	CT-147	12.0	12.0	16.0	11.5	24.0	0.4	10.6	25.4	29.4	330
7A04H	2000	CT-88	4.4	5.2	8.0	5.5	12.0	0.4	3.6	13.4	17.4	330
7A04N	2500	CT-87	4.4	5.2	8.0	5.5	12.0	0.4	3.1	13.4	17.4	330
7A06L	2500	CT-194	6.5	6.4	8.0	7.5	16.0	0.4	3.1	17.4	21.4	330
7A06N	1500	CT-195	6.5	6.4	8.0	7.5	16.0	0.4	5.1	17.4	21.4	330
7A07N	1500	CT-63	7.6	8.0	12.0	7.5	16.0	0.4	3.1	17.4	21.4	330
7A08L	1300	CT-213	9.2	10.4	12.0	7.5	16.0	0.4	3.8	17.4	21.4	330
7A08N	1000	CT-220	9.2	10.4	12.0	7.5	16.0	0.4	5.0	17.4	21.4	330
7A10L	1000	CT-49	10.6	10.6	16.0	11.5	24.0	0.4	3.8	25.4	29.4	330
7A10N	800	CT-47	10.6	10.6	16.0	11.5	24.0	0.4	5.0	25.4	29.4	330
7BKH	1200	CT-219	7.6	9.1	12.0	7.5	16.0	0.4	3.9	17.4	21.4	330
7E03L	1000	CT-120	3.3	3.3	8.0	5.5	12.0	0.3	1.6	13.0	15.4	180
7E03N	1000	CT-122	3.3	3.3	8.0	5.5	12.0	0.3	2.1	13.0	15.4	180
7E03T	1500	CT-119	3.3	3.3	8.0	5.5	12.0	0.3	1.3	13.0	15.4	180
7E04L	3000	CT-85	4.4	4.4	8.0	5.5	12.0	0.4	2.1	13.4	17.4	330
7E04N	2000	CT-84	4.4	4.4	8.0	5.5	12.0	0.4	3.1	13.4	17.4	330
7E04S	3000	CT-86	4.4	4.4	8.0	5.5	12.0	0.4	1.9	13.4	17.4	330
7E04T	1500	CT-116	4.4	4.4	8.0	5.5	12.0	0.3	1.3	13.0	15.4	180
7E05D	3000	CT-70	5.3	5.3	8.0	5.5	12.0	0.4	2.1	13.4	17.4	330
7E05E	2000	CT-68	5.3	5.3	8.0	5.5	12.0	0.4	3.1	13.4	17.4	330
7E06L	3000	CT-79	6.5	6.5	8.0	5.5	12.0	0.4	2.1	13.4	17.4	330
7E06N	2000	CT-78	6.5	6.5	8.0	5.5	12.0	0.4	3.1	13.4	17.4	330
7E25L	2500	CT-129	2.8	2.8	4.0	3.5	8.0	0.3	1.6	9.0	11.4	180
7E25U	3000	CT-152	2.8	2.8	4.0	3.5	8.0	0.3	1.1	9.0	11.4	180
7G08B	400	CT-235	8.6	8.6	16.0	11.5	24.0	0.5	9.1	25.5	29.5	330
7G09B	300	CT-126	9.6	10.6	16.0	11.5	24.0	0.5	10.1	25.4	29.4	330
8RKH	1000	CT-133	8.7	9.2	12.0	7.5	16.0	0.4	4.3	17.4	21.4	330
8RLH	1500	CT-132A	8.7	9.2	12.0	7.5	16.0	0.4	3.4	17.4	21.4	330
8RLHA	1500	CT-97	8.7	9.2	12.0	7.5	16.0	0.4	2.8	17.4	21.4	330
9EHH	600	CT-214	11.0	11.2	16.0	11.5	24.0	0.4	6.3	25.4	29.4	330
BCA7267	450	CT-224	7.5	10.0	16.0	14.2	32.0	0.4	6.9	33.4	37.4	330
C1005C	2000/10000	CT-144	0.7	1.1	2.0	3.5	8.0	0.6	0.6	9.0	13.0	180
C1608CB/H	3000	CT-176 CT-143A	1.1 1.0	1.75	4.0	3.5	8.0	0.9 0.9	0.9 0.9	9.0	13.0	180
C2012C/H	2000	CT-33	1.7	2.3	4.0	3.5	8.0	0.3	1.7	9.0	13.0	180
C2520C	2000	CT-32A	2.7	2.9	4.0	3.5	8.0	0.3	2.3	9.0	13.0	180
C3328A	700/2500	CT-57A	5.6	3.8	8.0	5.5	12.0	0.5	3.2	13.4	17.4	180/330
C6328A	500/2500	CT-58A	5.6	6.8	8.0	7.5	16.0	0.5	3.2	17.4	21.4	180/330
C6342A	1500	CT-69	6.5	6.8	8.0	7.5	16.0	0.4	4.6	17.4	21.4	330
CBH1053H	650	CT-239	10.6	10.9	16.0	11.5	24.0	0.5	5.8	25.5	29.5	330
CBH1380H	450	CT-240	12.8	13.9	16.0	11.5	24.0	0.5	8.4	25.5	29.5	330
CER1042B	800	CT-108	10.5	10.5	16.0	11.5	24.0	0.4	4.6	25.5	29.5	330
CER1065B	500	CT-109	10.5	10.5	16.0	11.5	24.0	0.5	6.9	25.5	29.5	330
CER1242B	800	CT-140	12.6	12.6	16.0	11.5	24.0	0.4	4.6	25.5	29.5	330

Taping for Automatic Insertion of SMD Coils and Filters

自動装着用コイル・フィルタ テーピング梱包

Applications	Q'ty pcs.	Tape Number	Dimensions (mm)									
			A	B	C	D	E	F	G	H	I	J
CER1257B	500	CT-173	12.6	12.6	16.0	11.5	24.0	0.5	6.10	25.4	29.4	330
CER1277B	400	CT-174	12.6	12.6	16.0	11.5	24.0	0.5	8.1	25.4	29.4	330
CER7027B	1600	CT-225	7.5	7.4	12.0	7.5	16.0	0.4	3.1	17.4	21.4	330
CER7032B	1400	CT-226	7.4	7.4	12.0	7.5	16.0	0.4	3.6	17.4	21.4	330
CER7042B	1100	CT-227	7.4	7.4	12.0	7.5	16.0	0.4	4.6	17.4	21.4	330
CER7042BA	1100	CT-227	7.4	7.4	12.0	7.5	16.0	0.4	4.6	17.4	21.4	330
CER7052B	800	CT-228	7.4	7.4	12.0	7.5	16.0	0.4	5.6	17.4	21.4	330
CER8042B	1000	CT-189	8.4	8.4	12.0	7.5	16.0	0.4	4.6	17.5	21.5	330
CER8065B	700	CT-190	8.4	8.4	12.0	7.5	16.0	0.4	6.9	17.5	21.5	330
CJD6045	1500	CT-52	5.3	6.1	8.0	5.5	12.0	0.4	4.7	13.5	17.5	330
CJD8050	800	CT-237	7.4	8.2	12.0	7.5	16.0	0.4	5.4	17.4	21.4	330
CQR1042C	800	CT-108	10.5	10.5	16.0	11.5	24.0	0.4	4.6	25.5	29.5	330
CQR1065C	500	CT-109	10.5	10.5	16.0	11.5	24.0	0.5	6.9	25.5	29.5	330
CQR1242C	800	CT-140	12.6	12.6	16.0	11.5	24.0	0.4	4.6	25.5	29.5	330
CQR1257C	500	CT-173	12.6	12.6	16.0	11.5	24.0	0.5	6.1	25.4	29.4	330
CQR1277C	400	CT-174	12.6	12.6	16.0	11.5	24.0	0.5	8.1	25.4	29.4	330
CQR8042C	1000	CT-189	8.4	8.4	12.0	7.5	16.0	0.4	4.6	17.5	21.5	330
CQR8065C	700	CT-190	8.4	8.4	12.0	7.5	16.0	0.4	6.9	17.5	21.5	330
CWD1037C	1000	CT-170	10.6	10.6	16.0	11.5	24.0	0.4	4.1	25.4	29.4	330
CWD1045C	800	CT-171	10.6	10.6	16.0	11.5	24.0	0.4	4.9	25.4	29.4	330
CWD1057C	500	CT-172	10.6	10.6	16.0	11.5	24.0	0.4	6.1	25.4	29.4	330
CWD1242C	800	CT-140	12.6	12.6	16.0	11.5	24.0	0.4	4.6	25.4	29.4	330
CWD1257C	500	CT-173	12.6	12.6	16.0	11.5	24.0	0.4	6.1	25.4	29.4	330
CWD8037C	1200	CT-178	8.5	8.5	12.0	7.5	16.0	0.4	4.1	17.4	21.4	330
CWD8047C	1000	CT-179	8.5	8.5	12.0	7.5	16.0	0.4	5.1	17.4	21.4	330
CWR1037C	1000	CT-170	10.6	10.6	16.0	11.5	24.0	0.4	4.1	25.4	29.4	330
CWR1045C	800	CT-171	10.6	10.6	16.0	11.5	24.0	0.4	4.9	25.4	29.4	330
CWR1057C	500	CT-172	10.6	10.6	16.0	11.5	24.0	0.4	6.1	25.4	29.4	330
CWR1242C	800	CT-140	12.6	12.6	16.0	11.5	24.0	0.4	4.6	25.4	29.4	330
CWR1257C	500	CT-173	12.6	12.6	16.0	11.5	24.0	0.5	6.1	25.4	29.4	330
CWR1277C	400	CT-174	12.6	12.6	16.0	11.5	24.0	0.5	8.1	25.4	29.4	330
CWR4017C	3000	CT-85	4.4	4.4	8.0	5.5	12.0	0.4	2.1	13.5	17.5	330
CWR4027C	2000	CT-84	4.4	4.4	8.0	5.5	12.0	0.4	3.1	13.5	17.5	330
CWR5017C	3000	CT-70	5.3	5.3	8.0	5.5	12.0	0.4	2.1	13.5	17.5	330
CWR5027C	2000	CT-68	5.3	5.3	8.0	5.5	12.0	0.4	3.1	13.5	17.5	330
CWR6017C	3000	CT-79	6.5	6.5	8.0	5.5	12.0	0.4	2.1	13.5	17.5	330
CWR6027C	2000	CT-78	6.5	6.5	8.0	5.5	12.0	0.4	3.1	13.5	17.5	330
CWR8027C	1500	CT-177	8.5	8.5	12.0	7.5	16.0	0.4	3.1	17.4	21.4	330
CWR8037C	1200	CT-178	8.5	8.5	12.0	7.5	16.0	0.4	4.1	17.4	21.4	330
CWR8047C	1000	CT-179	8.5	8.5	12.0	7.5	16.0	0.4	5.1	17.4	21.4	330
DBE1010H/HB	200	CT-155	10.9	13.4	20.0	14.2	32.0	0.5	10.5	33.4	37.4	330
DBE7210H	400	CT-164	7.6	11.4	12.0	14.2	32.0	0.5	10.5	33.4	37.4	330
DBF1057H	600	CT-191	10.5	16.5	16.0	14.2	32.0	0.5	6.1	33.4	37.4	330
DBF1157HB	600	CT-192	11.0	20.0	16.0	14.2	32.0	0.5	6.1	33.4	37.4	330
DBL8087H	400	CT-235	8.6	8.6	16.0	11.5	24.0	0.5	9.1	25.5	29.5	330
DBL9097H	300	CT-126	9.6	10.6	16.0	11.5	24.0	0.5	10.1	25.5	29.5	330
DBL1010H	200	CT-155	10.9	13.4	20.0	14.2	32.0	0.5	10.5	33.4	37.4	330
DER7052	800	CT-228	7.4	7.4	12.0	7.5	16.0	0.4	5.6	17.4	21.4	330
SQR1042C	800	CT-108	10.5	10.5	16.0	11.5	24.0	0.4	4.6	25.5	29.5	330
SQR1065C	500	CT-109	10.5	10.5	16.0	11.5	24.0	0.5	6.9	25.5	29.5	330
SQR1242C	800	CT-140	12.6	12.6	16.0	11.5	24.0	0.4	4.6	25.5	29.5	330
SQR1257C	500	CT-173	12.6	12.6	16.0	11.5	24.0	0.5	6.1	25.4	29.4	330
SQR1277C	400	CT-174	12.6	12.6	16.0	11.5	24.0	0.5	8.1	25.4	29.4	330
SQR8042C	1000	CT-189	8.4	8.4	12.0	7.5	16.0	0.4	4.6	17.5	21.5	330
SQR8065C	700	CT-190	8.4	8.4	12.0	7.5	16.0	0.4	6.9	17.5	21.5	330
TDG6029C	1000	CT-238	6.5	9.2	12.0	7.5	16.0	0.4	3.3	17.5	21.5	330
TQR5017C	3000	CT-70	5.3	5.3	8.0	5.5	12.0	0.4	2.1	13.5	17.5	330
TQR5027C	2000	CT-68	5.3	5.3	8.0	5.5	12.0	0.4	3.1	13.5	17.5	330
TQR8048C	1000	CT-179	8.5	8.5	12.0	7.5	16.0	0.4	5.2	17.4	21.4	330
TQR1250C	700	CT-236	12.6	12.6	16.0	11.5	24.0	0.4	5.4	25.5	29.5	330