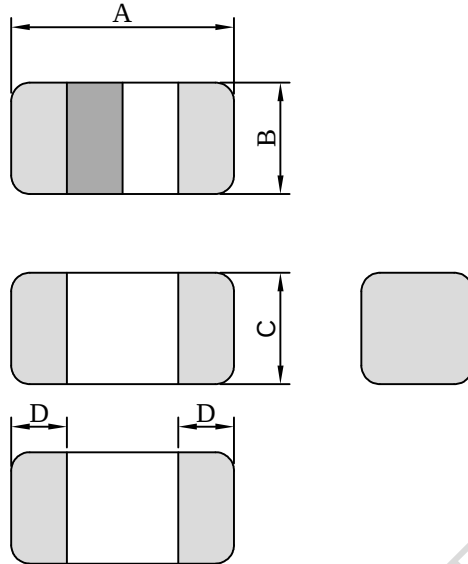


SPECIFICATION FOR APPROVAL

REF. :

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I . Configuration and dimensions :



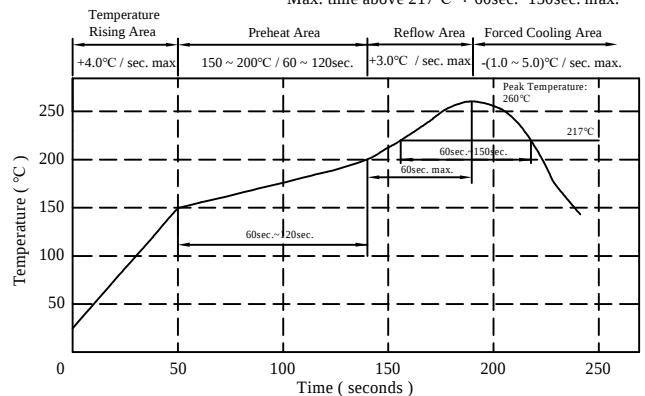
Unit : mm

A	B	C	D
0.60 ±0.03	0.30 ±0.03	0.30 ±0.03	0.15 ±0.05

II . Description :

- a . Body : Ceramic
- b . Inner electrode : Silver
- c . Terminal electrode : Ag / Ni / Sn
- d . Product weight : 0.22 mg (ref.)
- e . Products comply with RoHS' requirements
- f . Halogen free

Peak temp. : 260°C max.
Max. peak temp. - 5°C : 30sec. max.
Max. time above 217°C : 60sec.~150sec. max.



III . General specification :

- a . Operating temp. : -40°C----+125°C
(Temp. rise included)
- b . Resistance to solder heat : 260°C . 10 sec.

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IV . Electrical characteristics :

DWG No.	Inductance (nH)	Tolerance	Q min.	Test Freq. (Hz) L&Q	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
EDP06030N6□CB-□□□	0.600	B,C,S	14	500M /50mV	10000	0.050	1000
EDP06030N7□CB-□□□	0.700	B,C,S	14	500M /50mV	10000	0.050	1000
EDP06030N8□CB-□□□	0.800	B,C,S	14	500M /50mV	10000	0.060	1000
EDP06030N9□CB-□□□	0.900	B,C,S	14	500M /50mV	10000	0.060	800
EDP06031N0□CB-□□□	1.000	B,C,S	14	500M /50mV	10000	0.070	800
EDP06031N1□CB-□□□	1.100	B,C,S	14	500M /50mV	10000	0.070	800
EDP06031N2□CB-□□□	1.200	B,C,S	14	500M /50mV	10000	0.100	800
EDP06031N3□CB-□□□	1.300	B,C,S	14	500M /50mV	10000	0.100	700
EDP06031N4□CB-□□□	1.400	B,C,S	14	500M /50mV	10000	0.100	700
EDP06031N5□CB-□□□	1.500	B,C,S	14	500M /50mV	10000	0.100	650
EDP06031N6□CB-□□□	1.600	B,C,S	14	500M /50mV	10000	0.100	650
EDP06031N7□CB-□□□	1.700	B,C,S	14	500M /50mV	10000	0.100	650
EDP06031N8□CB-□□□	1.800	B,C,S	14	500M /50mV	9000	0.150	650
EDP06032N0□CB-□□□	2.000	B,C,S	14	500M /50mV	8500	0.150	650
EDP06032N2□CB-□□□	2.200	B,C,S	14	500M /50mV	7500	0.150	650
EDP06032N4□CB-□□□	2.400	B,C,S	14	500M /50mV	7500	0.150	550
EDP06032N6□CB-□□□	2.600	B,C,S	14	500M /50mV	7500	0.200	550
EDP06032N7□CB-□□□	2.700	B,C,S	14	500M /50mV	7500	0.200	550
EDP06032N8□CB-□□□	2.800	B,C,S	14	500M /50mV	7500	0.200	500
EDP06033N0□CB-□□□	3.000	B,C,S	14	500M /50mV	7500	0.200	450
EDP06033N3□CB-□□□	3.300	B,C,S	14	500M /50mV	7500	0.250	450
EDP06033N6□CB-□□□	3.600	B,C,S	14	500M /50mV	6500	0.250	400
EDP06033N9□CB-□□□	3.900	B,C,S	14	500M /50mV	6500	0.250	400
EDP06034N3□CB-□□□	4.300	H,J,S	14	500M /50mV	6000	0.350	350
EDP06034N7□CB-□□□	4.700	H,J,S	14	500M /50mV	6000	0.400	350
EDP06035N1□CB-□□□	5.100	H,J,S	14	500M /50mV	5500	0.400	350
EDP06035N6□CB-□□□	5.600	H,J	14	500M /50mV	5000	0.400	350
EDP06036N2□CB-□□□	6.200	H,J	14	500M /50mV	5000	0.400	300
EDP06036N8□CB-□□□	6.800	H,J	14	500M /50mV	4500	0.500	300
EDP06037N5□CB-□□□	7.500	H,J	14	500M /50mV	4000	0.500	300
EDP06038N2□CB-□□□	8.200	H,J	14	500M /50mV	4000	0.500	250
EDP06039N1□CB-□□□	9.100	H,J	14	500M /50mV	4000	0.700	250
EDP060310N□CB-□□□	10.00	H,J	14	500M /50mV	4000	0.700	250
EDP060312N□CB-□□□	12.00	H,J	13	500M /50mV	3500	0.700	250
EDP060315N□CB-□□□	15.00	H,J	13	500M /50mV	3200	0.850	250
EDP060318N□CB-□□□	18.00	H,J	13	500M /50mV	3000	1.000	200
EDP060320N□CB-□□□	20.00	H,J	13	500M /50mV	2200	1.100	150
EDP060322N□CB-□□□	22.00	H,J	13	500M /50mV	2200	1.200	150

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DWG No.	Inductance (nH)	Tolerance	Q min.	Test Freq. (Hz) L&Q	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
EDP060327N□CB-□□□	27.00	H,J	13	500M /50mV	2200	1.500	140
EDP060333N□CB-□□□	33.00	H,J	12	300M /50mV	1800	1.800	120
EDP060336N□CB-□□□	36.00	H,J	12	300M /50mV	1700	2.000	120
EDP060339N□CB-□□□	39.00	H,J	12	300M /50mV	1600	2.000	120
EDP060343N□CB-□□□	43.00	H,J	12	300M /50mV	1600	2.200	100
EDP060347N□CB-□□□	47.00	H,J	12	300M /50mV	1500	2.200	100
EDP060356N□CB-□□□	56.00	H,J	12	300M /50mV	1200	2.500	100
EDP060368N□CB-□□□	68.00	H,J	12	300M /50mV	1000	3.200	100
EDP060375N□CB-□□□	75.00	H,J	11	300M /50mV	1000	3.600	100
EDP060382N□CB-□□□	82.00	H,J	11	300M /50mV	1000	3.800	100
EDP060391N□CB-□□□	91.00	H,J	11	300M /50mV	900	3.800	80
EDP0603R10□CB-□□□	100.0	H,J	11	300M /50mV	800	4.000	80
EDP0603R12□CB-□□□	120.0	H,J	10	300M /50mV	800	5.000	80

- 1). Electrical specifications at 25°C
- 2). IDC base on temp. rise 40°C max.
- 3). □ Represents inductance tolerance : $L_s \leq 4.2\text{nH}$, □ Please select “B/C/S” level ;
 $4.2\text{nH} < L_s < 5.6\text{nH}$, □ Please select “H/J/S” level ;
 $L_s \geq 5.6\text{nH}$, □ Please select “H/J” level ;
- 4). Tolerance : B($\pm 0.1\text{nH}$)、C($\pm 0.2\text{nH}$)、S($\pm 0.3\text{nH}$)、H($\pm 3\%$)、J($\pm 5\%$)

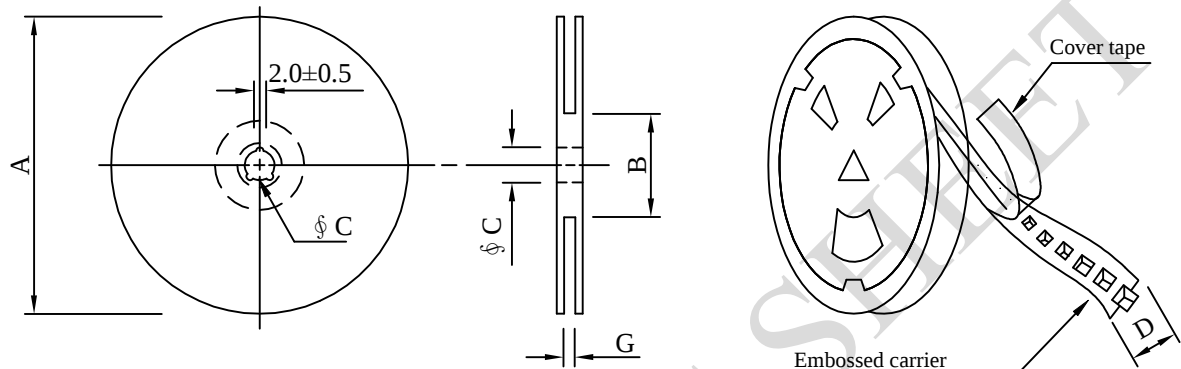
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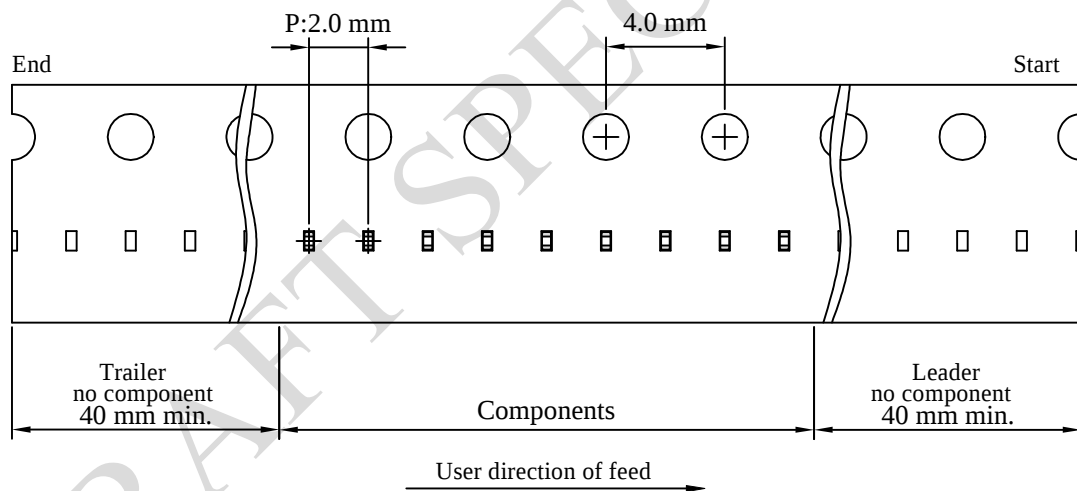
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V . Packaging information :

(1) Configuration



※Carrier tape width : D



(2) Dimensions

Unit:mm

Style	A	B	C	D	G
07 - 08	178±2.0	57±2.0	12.5±1.5	8	8.0 ^{+1.50} _{-0.00}

(3) Q'TY & G.W. Per package

Code	Inner : Reel			Outer : Carton		
	Q'TY (pcs)	G.W. (g)	Style	Q'TY (pcs)	G.W. (kg)	Size (cm)
B	15,000	135	07 - 08	750,000	8.0	39 x 31 x 39

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VI . Drawing number expression :

E	D	P	0	6	0	3					C		—			
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Reference code

Appendix code 2 : Package

Appendix code 1 : Classification

Tolerance code

Electrical code

Dimension code

Type code

Appendix code 1 : Product Classification

Appendix code 2 : Package Information

Code	Inner package	Cover tape	Carrier tape	Bag	Package Q'TY	Remark
B	T /R (Reel package)	NA	NA	NA	15,000 pcs	

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VII . Safety notes :

1. Products do not be used in related applications that directly affect the personal safety system or cause significant impacts and losses on society. If you apply to these applications, please be sure to contact us at first to confirm.
產品不可使用於直接影響人身安全系統或對社會會造成重大影響與損失之相關用途，若您應用於此，請務必優先與我們聯繫確認。
2. The storage period is less than 12 months. Ensure to follow the storage conditions (Temperature: 5 to 30°C, Humidity: 10 to 60% RH or less). If the storage time is exceeded the limit, the electrodes might be deteriorate of terminal soldering.
儲存期不超過12個月，務必遵守儲存條件（溫度：5至30°C，濕度：10至60%RH以下）。如果超過了儲存時間，端子電極可能會氧化而影響焊接。
3. Do not use or store in locations where there are conditions such as gas corrosion (salt, acid, alkali, etc.).
不要在有氣體腐蝕等條件的地方使用或存放（鹽，酸，鹼等）。
4. Soldering corrections after mounting should be within the range of the conditions determined in the specifications. If overheated, a short circuit, performance deterioration, or lifespan shortening may occur.
安裝時的焊接條件應在規格範圍內。如果超過要求，可能會發生短路，性能下降或壽命縮短。
5. When using, it should try to avoid excessive mechanical impact on the product, such as collision / drop ... and other reasons.
使用時，應盡量避免產品受到過度機械衝擊，如碰撞/掉落...等原因。
6. When embedding a printed circuit board where a chip is mounted to a set, be sure that residual stress is not given to the chip due to the overall distortion of the printed circuit board and partial distortion such as at screw tightening portions.
將已安裝新片的電路板組裝到裝置時，請注意應盡量避免電路板受到組裝變形...等，導致產品受到應力。
7. Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design.
產品會因通電而自我發熱(溫度上升)，因此在熱影響設計方面，需保留適當公差。
8. Do not expose the products to magnets or magnetic fields.
請勿將產品暴露於磁鐵或是磁場中。
9. If you would like to use this products to performance and/or quality require a more stringent level of safety or reliability, or whose failure, malfunction or trouble could cause serious damage to society, person or property, or if you have special requirements exceeding the range or conditions set forth in the each catalog, please contact us.
如果您希望將此產品用於性能和/或質量要求更嚴格的安全性或可靠性，或其失敗、故障或麻煩可能對社會、個人或財產造成嚴重損害，或者您有特殊情況要求超出目錄中規定的範圍或條件，請與我們聯繫。