

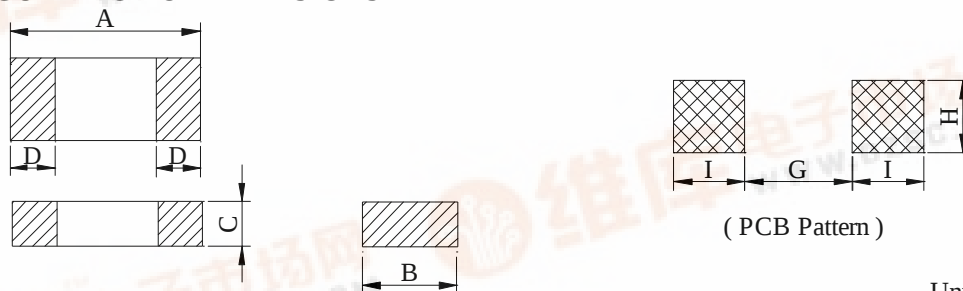
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PROD. NAME	HIGH CURRENT MULTILAYER CHIP BEAD	ABC'S DWG NO.	MB000000000L0-000
		ABC'S ITEM NO.	

I . CONFIGURATION & DIMENSIONS :



Unit : m/m

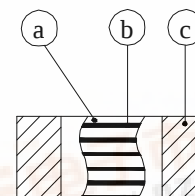
Series	A	B	C	D	G	H	I
MB4532	4.5±0.2	3.2±0.2	1.5±0.2	0.6±0.4	3.0	3.0	1.5
MB4516	4.5±0.2	1.6±0.2	1.6±0.2	0.6±0.4	3.0	1.4	1.5
MB3261	3.2±0.2	1.6±0.2	1.1±0.2	0.6±0.4	2.2	1.4	1.1
MB2029	2.0±0.2	1.2±0.2	0.9±0.2	0.5±0.3	1.0	1.0	1.0
MB1608	1.6±0.2	0.8±0.2	0.8±0.2	0.3±0.2	0.7	0.7	0.7

II . SCHEMATIC DIAGRAM :



III . MATERIALS :

- a . Body : Ferrite
- b . Internal conductor : Silver or Ag / Pd
- c . Terminal : Ag/Ni/Sn
- d . Remark : Products comply with RoHS' requirements



IV . GENERAL SPECIFICATION :

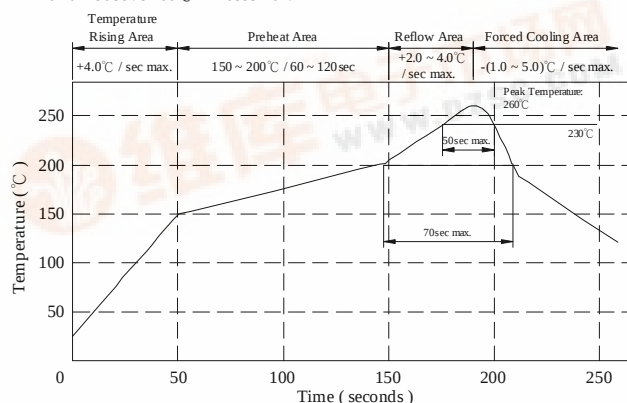
- a . Storage temp. : -40℃ --- +105℃
- b . Operating temp. : -55℃ --- +125℃
- c . Terminal strength :



Type	F (kgf)	Time (sec)
MB4532	1.5	
MB4516	1.0	
MB3261	1.0	30±5
MB2029	0.6	
MB1608	0.5	

- d . Solderability : Preheat : 150±25℃ for 60 seconds
Solder : Sn96.5 / Ag3 / Cu0.5 or equivalent
Solder temp. : 260±5℃
Flux : Rosin
Dip time : 4±1 seconds

Peak Temp : 260℃ max.
Max time above 230℃ : 50sec max.
Max time above 200℃ : 70sec max.



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ABC 千如電子集團
ABC ELECTRONICS GROUP.



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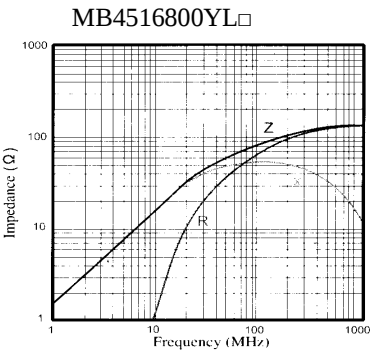
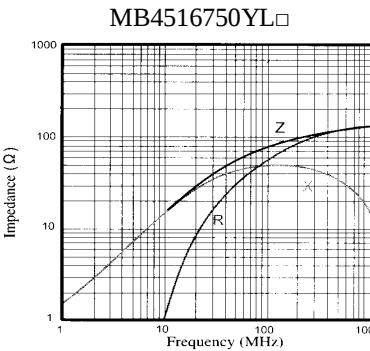
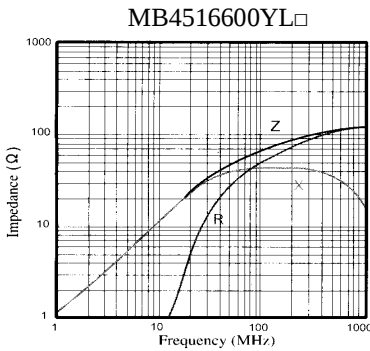
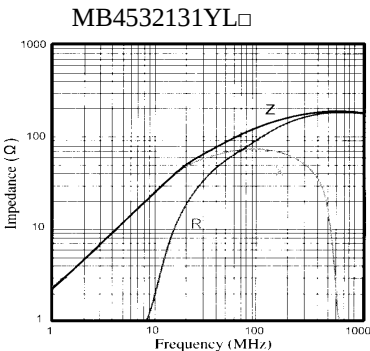
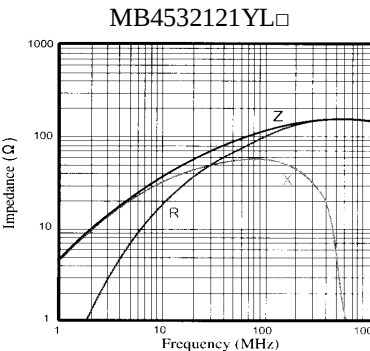
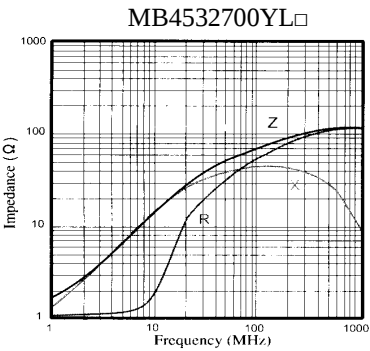
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PROD. NAME	HIGH CURRENT MULTILAYER CHIP BEAD	ABC'S DWG NO.	MB□□□□□□□□L□-□□□
		ABC'S ITEM NO.	

V . ELECTRICAL CHARACTERISTICS :

DWG No.	Impedance (Ω) at 100MHz	RDC (m Ω) max.	IDC (A) max.
MB4532700YL□-□□□	70 $\pm$ 25%	30	6.0
MB4532121YL□-□□□	120 $\pm$ 25%	50	3.0
MB4532131YL□-□□□	125 $\pm$ 25%	50	3.0
MB4516600YL□-□□□	60 $\pm$ 25%	10	6.0
MB4516750YL□-□□□	75 $\pm$ 25%	25	3.0
MB4516800YL□-□□□	80 $\pm$ 25%	50	3.0

- 1). □ : Paclaging Information... **A** : Bulk **B** : Taping Reel
2). "- □□□ " : Reference code



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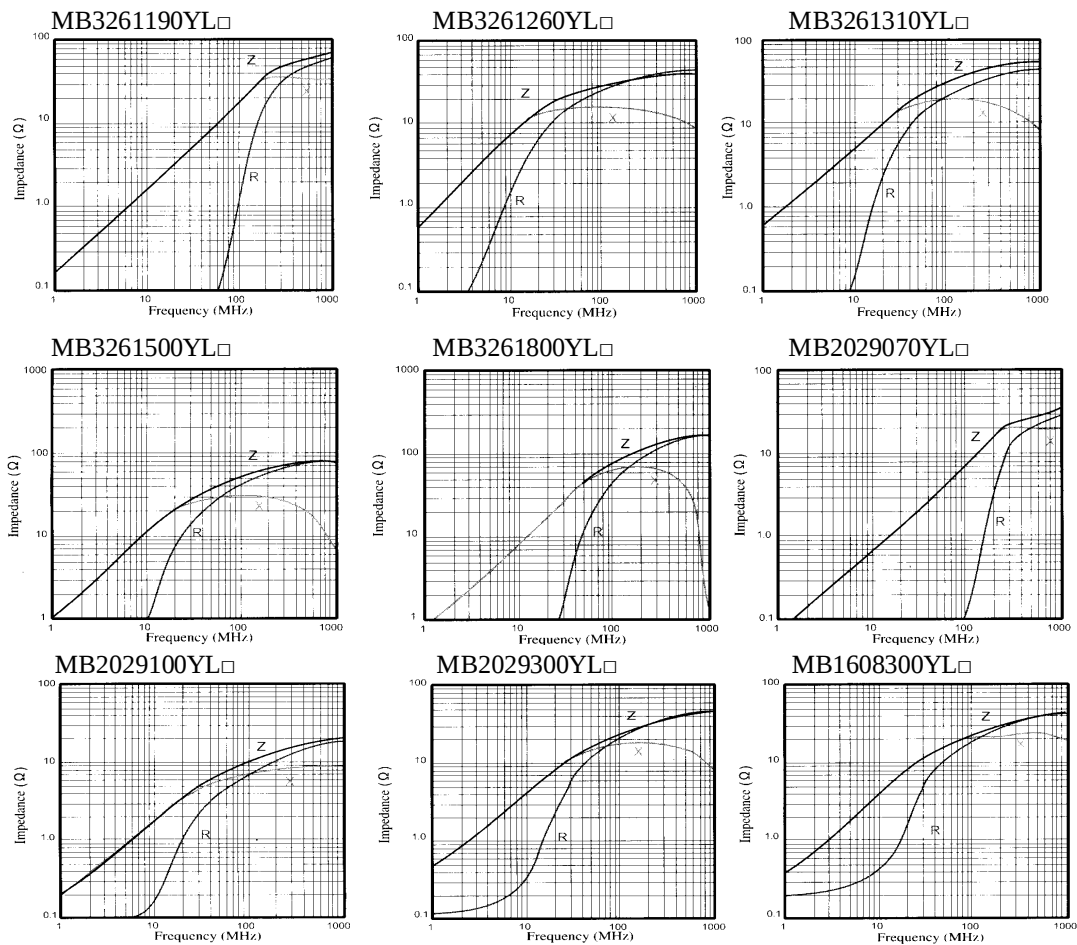
PROD. NAME	HIGH CURRENT MULTILAYER CHIP BEAD	ABC'S DWG NO.	MB□□□□□□□□L□-□□□
		ABC'S ITEM NO.	

V . ELECTRICAL CHARACTERISTICS :

DWG No.	Impedance (Ω) at 100MHz	RDC (m Ω) max.	IDC (A) max.
MB3261190YL□-□□□	19 $\pm$ 25%	40	3.0
MB3261260YL□-□□□	26 $\pm$ 25%	40	3.0
MB3261310YL□-□□□	31 $\pm$ 25%	40	3.0
MB3261500YL□-□□□	50 $\pm$ 25%	25	3.0
MB3261800YL□-□□□	80 $\pm$ 25%	30	3.0
MB2029070YL□-□□□	7 $\pm$ 25%	30	3.0
MB2029100YL□-□□□	10 $\pm$ 25%	30	3.0
MB2029300YL□-□□□	30 $\pm$ 25%	25	3.0
MB1608300YL□-□□□	30 $\pm$ 25%	60	1.0

1). □ : Paclaging Information... [A] : Bulk [B]: Taping Reel

2). "- □□□":Reference code



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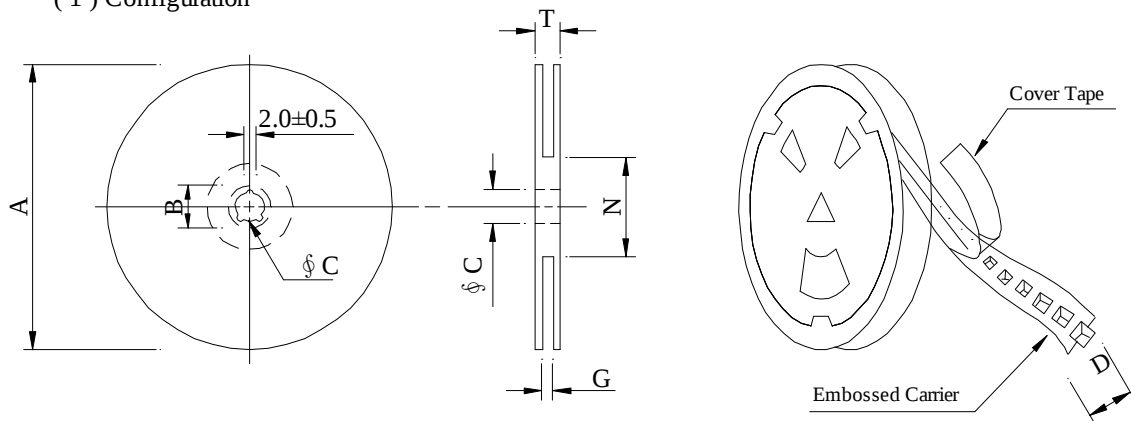
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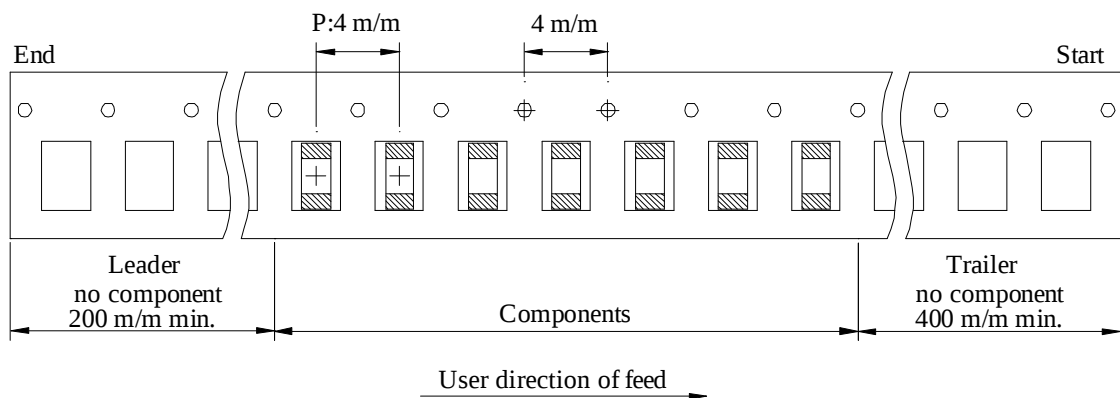
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		ABC'S ITEM NO.	

VI . PACKAGING INFORMATION :

(1) Configuration



※Carrier tape width : D



(2) Dimensions

Unit:m/m

Style	A	B	C	D	G	N	T
07 - 08	178	21±0.8	13	8	10 ⁺⁰	50 ⁻⁰	12.5
07 - 12	178	21±0.8	13	12	14 ⁺⁰	50 ⁻⁰	16.5

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

Series	Inner : Reel			Outer : Cartion		
	Q'TY (pcs)	G.W. (gw)	Style	Q'TY(kpcs)	G.W. (Kg)	Size (cm)
MB4532	1,000	170	07 - 12	30	9.3	41 x 39 x 22
MB4516	2,000	180	07 - 12	80	9.7	41 x 39 x 22
MB3261	3,000	150	07 - 08	120	8.5	41 x 39 x 22
MB2029	4,000	120	07 - 08	200	8.5	41 x 39 x 22
MB1608	4,000	90	07 - 08	200	7.0	41 x 39 x 22

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PROD. NAME	HIGH CURRENT MULTILAYER CHIP BEAD	ABC'S DWG NO.	MB□□□□□□□□L□-□□□
		ABC'S ITEM NO.	

(4) TYPE DIMENSIONS

Fig 1.

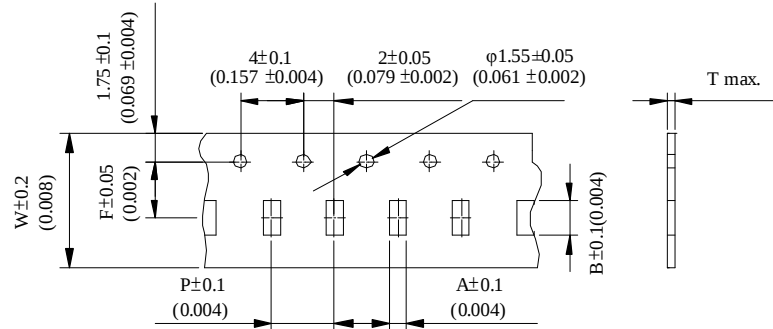
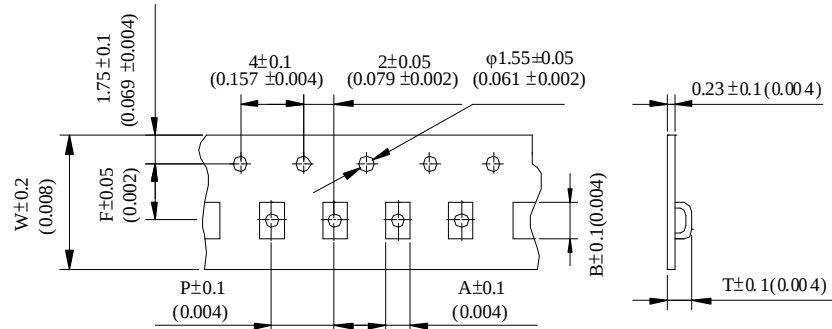


Fig 2.



Unit:m/m

Type	A	B	F	P	T	W	Fig
MB4532	3.66	4.95	5.50	8.0	1.85	12.0	2
MB4516	1.93	4.95	5.50	4.0	1.93	12.0	2
MB3261	1.88	3.50	3.50	4.0	1.27	8.0	2
MB2029	1.50	2.30	3.50	4.0	1.10	8.0	1
MB1608	1.05	1.85	3.50	4.0	1.10	8.0	1

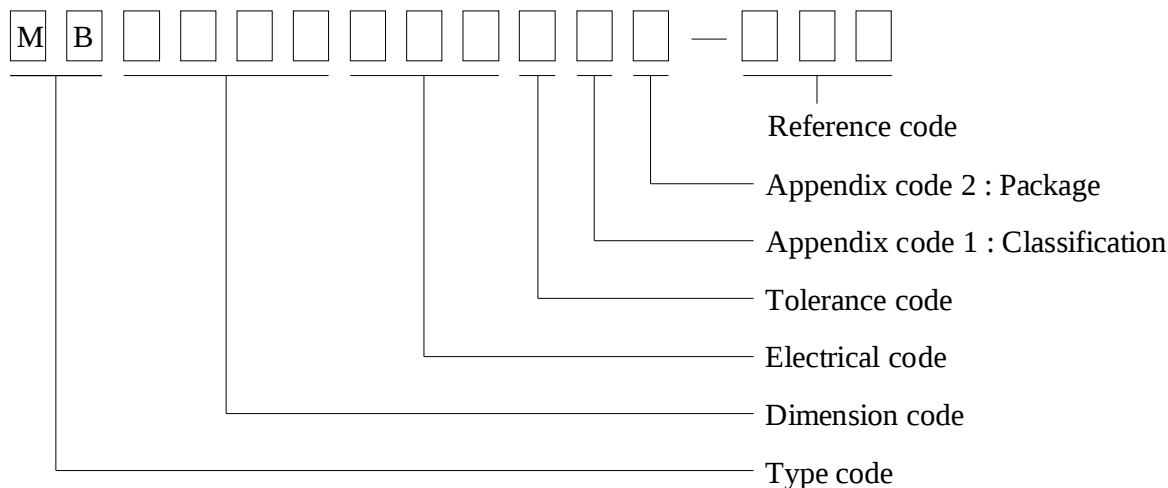
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		ABC'S ITEM NO.	

VII . DWGING NUMBER EXPRESSION :



Appendix code 1 : Product Classification

L : Lead Free Standard products comply with RoHS' requirements

1 ~ 9 : Lead Free Special products comply with RoHS' requirements

Appendix code 2 : Package Information

Code	Inner package	Inner package Q'TY	Remark
A	T.B.D.	T.B.D.	
B	T / R (Reel package)	1000 pcs	MB4532
	T / R (Reel package)	2000 pcs	MB4516
	T / R (Reel package)	3000 pcs	MB3261
	T / R (Reel package)	4000 pcs	MB2029
	T / R (Reel package)	4000 pcs	MB1608

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