

SPECIFICATION FOR APPROVAL

REF : 20090312-A

PAGE: 1

PROD. NAME	RADIAL INDUCTOR	ABC'S DWG NO.	RB0712□□□□L□-□□□
		ABC'S ITEM NO.	

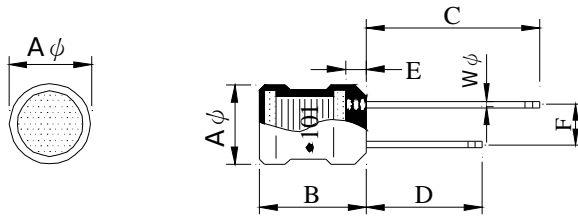
I . CONFIGURATION & DIMENSIONS :

Marking :

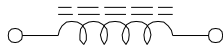
" ● " : Start

● 101----100 uH (Inductance code)

A :	6.7±0.5	m/m
B :	10.0±1.0	m/m
C :	25.0±5	m/m
D :	18.0±5	m/m
E :	2.5 max.	m/m
F :	3.0±0.5	m/m
Wφ :	0.65	m/m

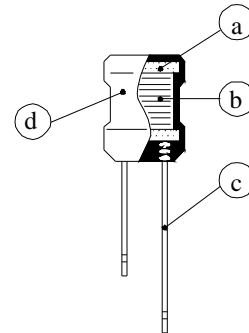


II . SCHEMATIC DIAGRAM :



III . MATERIALS :

- a . Core : Ferrite DR core
- b . Wire : Enamelled copper wire (Class F)
- c . Lead : Sn/Ag/Cu
- d . Tube : Shrinkable tube 125°C , 600V
- e . Remark : Products comply with RoHS' requirements



IV . GENERAL SPECIFICATION :

- a . Temp. rise : 20°C max. at rated current.
- b . Storage temp. : -25°C ---- +85°C
- c . Operating temp. : -20°C ---- +80°C

AR-001A

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PAGE: 2

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V . ELECTRICAL CHARACTERISTICS :

DWG No.	Inductance (μ H)	Q min.	Test Freq. (Hz)		SRF (MHz) min.	RDC (Ω) max.	IDC (A) max.
			L	Q			
RB0712100KL□-□□□	10 \pm 10%	20	1K	2.520M	16.0	0.07	1.10
RB0712120KL□-□□□	12 \pm 10%	20	1K	2.520M	12.0	0.08	1.00
RB0712150KL□-□□□	15 \pm 10%	20	1K	2.520M	10.0	0.09	0.90
RB0712180KL□-□□□	18 \pm 10%	20	1K	2.520M	10.0	0.10	0.75
RB0712220KL□-□□□	22 \pm 10%	20	1K	2.520M	9.0	0.12	0.70
RB0712270KL□-□□□	27 \pm 10%	20	1K	2.520M	8.0	0.13	0.65
RB0712330KL□-□□□	33 \pm 10%	20	1K	2.520M	7.0	0.15	0.60
RB0712390KL□-□□□	39 \pm 10%	20	1K	2.520M	6.0	0.16	0.55
RB0712470KL□-□□□	47 \pm 10%	20	1K	2.520M	6.0	0.18	0.45
RB0712560KL□-□□□	56 \pm 10%	20	1K	2.520M	5.0	0.21	0.40
RB0712680KL□-□□□	68 \pm 10%	20	1K	2.520M	5.0	0.24	0.36
RB0712820KL□-□□□	82 \pm 10%	20	1K	2.520M	5.0	0.35	0.34
RB0712101KL□-□□□	100 \pm 10%	20	1K	0.796M	4.0	0.40	0.32
RB0712121KL□-□□□	120 \pm 10%	20	1K	0.796M	4.0	0.45	0.30
RB0712151KL□-□□□	150 \pm 10%	20	1K	0.796M	3.5	0.50	0.28
RB0712181KL□-□□□	180 \pm 10%	20	1K	0.796M	3.0	0.75	0.26
RB0712221KL□-□□□	220 \pm 10%	20	1K	0.796M	3.0	0.90	0.24
RB0712271KL□-□□□	270 \pm 10%	20	1K	0.796M	2.5	1.00	0.22
RB0712331KL□-□□□	330 \pm 10%	20	1K	0.796M	2.5	1.10	0.20
RB0712391KL□-□□□	390 \pm 10%	20	1K	0.796M	2.0	1.20	0.18
RB0712471KL□-□□□	470 \pm 10%	20	1K	0.796M	2.0	1.50	0.16
RB0712561KL□-□□□	560 \pm 10%	20	1K	0.796M	2.0	1.80	0.15

1). □ : Packafing information... [A]: Bulk

2). "-□□□":Reference code

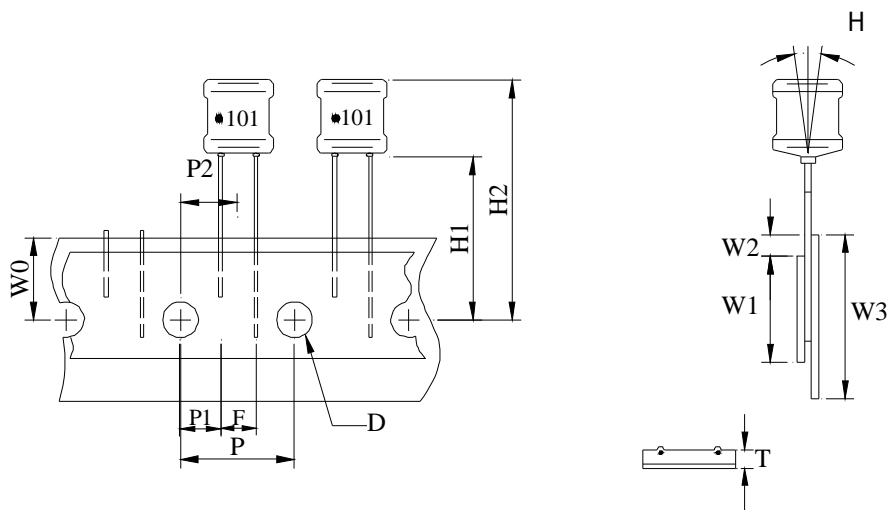
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PAGE: 3

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VI . TAPED PACKAGE DIMENSIONS :



※ 500 PCS / REEL

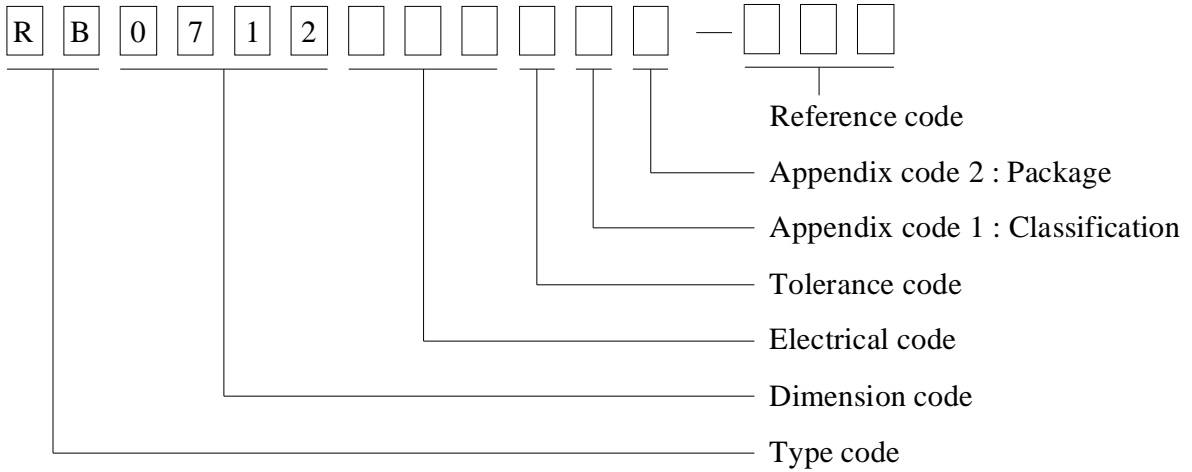
ITEM	SYMBOL	SPECIFICATION			
		MILIMETER		INCH	
		SIZE	TOLERANCE	SIZE	TOLERANCE
TAPE FEED HOLE DIAMETER	D	4.00	±0.20	0.157	±0.008
COMPONENT LEAD PITCH	F	3.00	±0.50	0.200	±0.020
FRONT-TO-REAR DEFLECTION	H	2.00	MAX.	0.079	MAX.
FEED HOLE TO BOTTOM OF COMPONENT	H1	18.50	±0.80	0.728	±0.040
FEED HOLE TO OVERALL COMPONENT HEIGHT	H2	30.50	MAX.	1.280	MAX.
FEED HOLE PITCH	P	12.70	±0.30	0.500	±0.012
LEAD LOCATION	P1	4.85	±0.70	0.152	±0.028
CENTER OF COMPONENT LOCATION	P2	6.35	±1.30	0.250	±0.051
OVERALL TAPED PACKAGE THICKNESS	T	1.42	MAX.	0.056	MAX.
FEED HOLE LOCATION	W0	9.00	±0.50	0.354	±0.020
ADHESIVE TAPE WIDTH	W1	15.00	±0.50	0.598	±0.020
ADHESIVE TAPE POSITION	W2	4.00	MAX.	0.157	MAX.
TAPE WIDTH	W3	18.00	±0.50	0.709	±0.020

AR-001A

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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	Box	400 pcs	
B	T / R (Reel Package)	500 pcs	
C	Bag	200 pcs	

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PAGE: 5

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VIII . UL CARD :

OBMW2 September 8, 2000
Magnet Wire-Component

JUNG SHING WIRE CO LTD E174837
231 CHUNG CHENG RD, SEC 3 JEN-TEH HSIANG, TAINAN
HSIEN TAIWAN

Mtl Dsg	Mark Dsg	BC	Coat Typ	OC	ANSI Type	Temp Class
AIW	---	Polyamideimide	---	---	MW81-C	220
CFUEWB	---	Polyurethane	---	---	MW75C	130
EIAIW	---	Polyesterimide	Polyamideimide	---	MW35C	200
EILOCKY	---	Polyesterimide	Polyamide	---	---	180
EILOCKW	---	Polyesterimide	Modified Epoxy	---	---	200
EIW	---	Polyesterimide	---	---	---	220
EIW-2	---	Polyesterimide	---	---	MW74-C	200
FL.EILOCKY	---	Modified Polyester	Polyamide	---	---	155
LSFFW	---	Polyurethane	---	---	MW79-C	155
LSUEW	---	Polyurethane	---	---	---	130
PEW	---	Polyester	---	---	---	155
PEY	---	Polyester	Nylon	---	MW24-C	155
SF.FLW	---	Modified Polyester	---	---	MW26C	155
SF.EIW	---	Polyesterimide	---	---	MW77C	180
SF.BY@	---	Modified Polyester	Nylon	---	MW27-C	155
SF.FLY@	---	Modified Polyester	Nylon	---	MW27-C	155
SF.BLOCKBS	---	Modified Polyester	Modified Polyamide	---	---	155
SF.EILOCKY#	---	Polyesterimide	Polyamide	---	---	180
SF.EILOCKBS	---	Polyesterimide	Modified Polyamide	---	---	180
SF.BW@	---	Modified Polyester	---	---	MW26C	155
SFFW	---	Polyurethane	---	---	MW79	155

287806002 Page 1 of 2

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Mtl Dsg	Mark Dsg	BC	Coat Typ	OC	ANSI Type	Temp Class
SFFY	---	Polyurethane	Polyamide	---	MW80C	155
UEW-1	---	Polyurethane	---	---	MW2-C	105
UEW-2	---	Polyurethane	---	---	---	130
UEW-4	---	Polyurethane	---	---	MW75C	130
UEY	---	Polyurethane	Nylon	---	MW28-C	130
UEY-2	---	Polyurethane	Polyamide	---	MW28-C	130

287806002 Page 2 of 2

OBMW2E174837
September 8, 2000

AR-001A

