

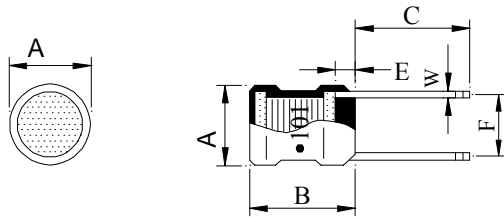
# SPECIFICATION FOR APPROVAL

REF :

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PROD. NAME	RADIAL INDUCTOR	ABC'S DWG NO.	RB1314□□□□L□-□□□
		ABC'S ITEM NO.	

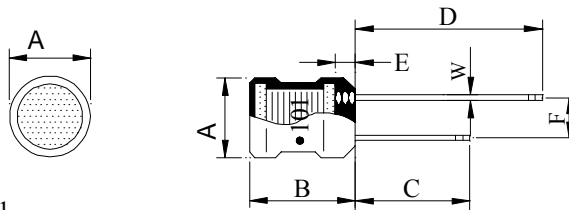
**. CONFIGURATION & DIMENSIONS :**



- A : 11.7±0.8 m/m
- B : 12.0±1.0 m/m
- C : 15.0±3 m/m
- D : 18.0±3 m/m
- E : 2.5<sup>+0</sup> m/m
- F : 9.0±1.0 (A) m/m  
7.0±0.8 (B)
- W : Per spec. (A) m/m  
0.80 (B)

Marking :

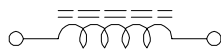
- " ● " : Start Fig : A ( 3.3μH~47μH )
- 101----100 uH ( Inductance code )



Marking : 101

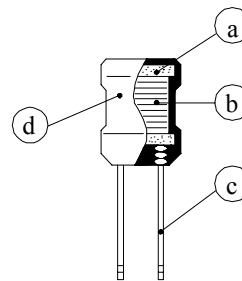
- " ● " : Start Fig : B ( 68μH~15mH )

**. SCHEMATIC DIAGRAM :**



**. MATERIALS :**

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



**. GENERAL SPECIFICATION :**

- a . Temp. rise : 20 max. at reted current.
- b . Storage temp. : -40 ---- +105
- c . Operating temp. : -25 ---- +85

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PROD. NAME	RADIAL INDUCTOR	ABC'S DWG NO.	RB1314□□□□L□-□□□
		ABC'S ITEM NO.	

. ELECTRICAL CHARACTERISTICS :

DWG No.	Inductance ( $\mu$ H)	Q ref.	Test Freq. ( Hz )		SRF ( MHz ) typ.	RDC ( $\Omega$ ) max.	IDC ( A ) max.	W m/m
			L	Q				
RB13143R3ML□-□□□	3.3 $\pm$ 20%	90	1K	7.96M	59.00	0.008	5.600	0.8
RB13144R7ML□-□□□	4.7 $\pm$ 20%	100	1K	7.96M	45.00	0.009	4.700	
RB13146R8ML□-□□□	6.8 $\pm$ 20%	80	1K	7.96M	34.00	0.012	3.900	0.7
RB1314100ML□-□□□	10.0 $\pm$ 20%	140	1K	2.52M	26.00	0.015	3.200	
RB1314150ML□-□□□	15.0 $\pm$ 20%	120	1K	2.52M	19.00	0.019	2.600	
RB1314220KL□-□□□	22.0 $\pm$ 10%	110	1K	2.52M	14.00	0.026	2.200	
RB1314330KL□-□□□	33.0 $\pm$ 10%	100	1K	2.52M	10.00	0.045	1.800	0.6
RB1314470KL□-□□□	47.0 $\pm$ 10%	90	1K	2.52M	8.30	0.056	1.500	
RB1314680KL□-□□□	68.0 $\pm$ 10%	80	1K	2.52M	6.70	0.092	1.200	0.8
RB1314101KL□-□□□	100.0 $\pm$ 10%	70	1K	796K	5.40	0.120	1.000	
RB1314151KL□-□□□	150.0 $\pm$ 10%	70	1K	796K	4.30	0.200	0.820	
RB1314221KL□-□□□	220.0 $\pm$ 10%	40	1K	796K	3.40	0.250	0.680	
RB1314331KL□-□□□	330.0 $\pm$ 10%	40	1K	796K	2.70	0.420	0.550	
RB1314471KL□-□□□	470.0 $\pm$ 10%	30	1K	796K	2.30	0.510	0.460	
RB1314681KL□-□□□	680.0 $\pm$ 10%	30	1K	796K	1.90	0.790	0.380	
RB1314102KL□-□□□	1000.0 $\pm$ 10%	40	1K	252K	1.60	1.300	0.310	
RB1314152KL□-□□□	1500.0 $\pm$ 10%	30	1K	252K	1.30	1.700	0.250	
RB1314222KL□-□□□	2200.0 $\pm$ 10%	60	1K	252K	1.10	2.900	0.210	
RB1314332KL□-□□□	3300.0 $\pm$ 10%	50	1K	252K	0.90	3.700	0.170	
RB1314472KL□-□□□	4700.0 $\pm$ 10%	50	1K	252K	0.76	5.600	0.140	
RB1314682KL□-□□□	6800.0 $\pm$ 10%	60	1K	252K	0.65	9.400	0.120	
RB1314103KL□-□□□	10000.0 $\pm$ 10%	80	1K	79.6K	0.53	12.000	0.100	
RB1314153KL□-□□□	15000.0 $\pm$ 10%	70	1K	79.6K	0.41	15.000	0.082	

- 1). □ : Packaging information...  A : Bulk  B : Trey
- 2). "-□□□": Reference code
- 3). Lead : 0.6      0.8    m/m soldered copper wire ( 3.3uH    47uH )  
           Lead : 0.8    m/m tinned copper wire ( 68uH    15mH )

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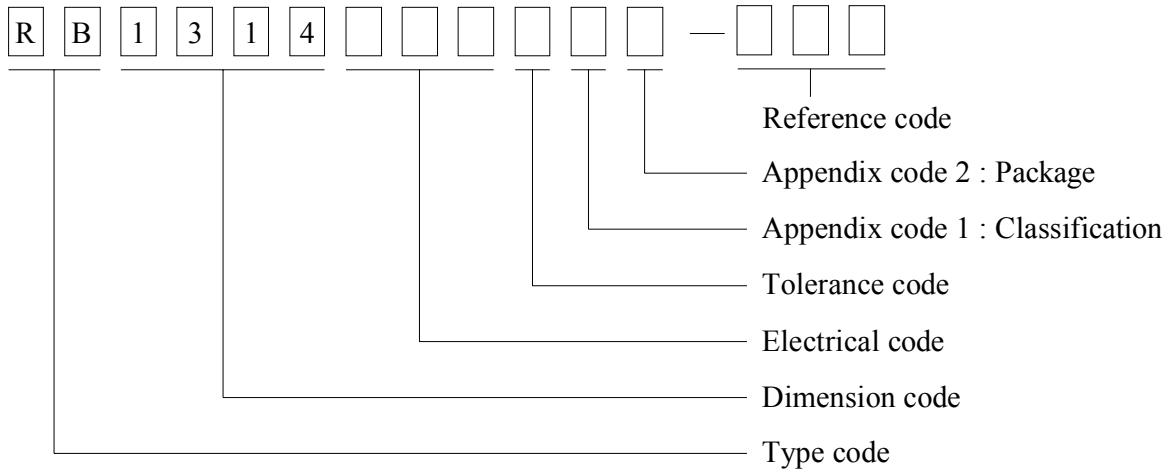
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. DWGING NUMBER EXPRESSION :



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	130 pcs	680K 153K
B	Tray	280 pcs	3R3M 470K( A type )
C	Box	150 pcs	3R3M 470K

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UL CARD :

OBMW2September 8, 2000

Magnet Wire-Component

JUNG SHING WIRE CO LTDE174837

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	---	<b>Polyesterimide</b>	---	---	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

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committed to quality service

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

@-May be suffixed by LZ; # - May be suffixed by LZ, EL or LZL  
LZ - Signifies magnet wires twisted together; EL - signifies base coated magnet wire laid parallel with top coat applied overall; LZL - signifies base coated magnet wire twisted together and covered with top coat overall.

Marking: Company name or trademarks JSW or 榮星電線, material designation or marked designation on packaed or reel, and Recognized Component Mark.

See General Information Preceding These Recognitions  
For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

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September 8, 2000

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