

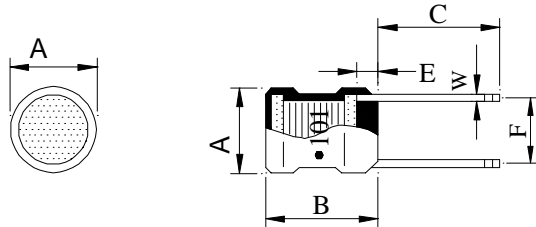
# SPECIFICATION FOR APPROVAL

REF :

PAGE: 1

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

**. CONFIGURATION & DIMENSIONS :**



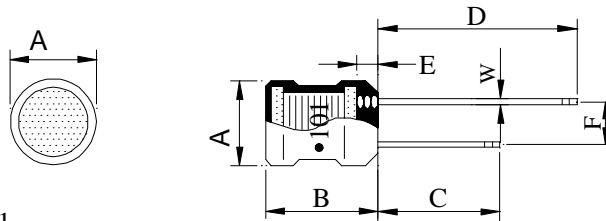
A	: 11.7±0.8	m/m
B	: 12.0±1.0	m/m
C	: 15.0±3	m/m
D	: 18.0±3	m/m
E	: 2.5 <sup>+0</sup>	m/m
F	: 9.0±1.0 (A) 7.0±0.8 (B)	m/m
W	: Per spec. (A) 0.80 (B)	m/m

Marking :

" ● " : Start

Fig : A ( 3.3μH~47μH )

● 101----100 uH ( Inductance code )

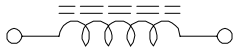


Marking : 101

" ● " : Start

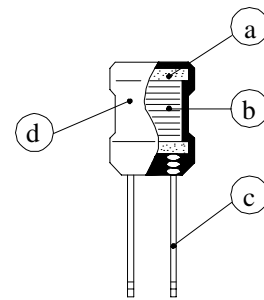
Fig : B ( 68μH~15mH )

**. 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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# SPECIFICATION FOR APPROVAL

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PROD.	RADIAL INDUCTOR	ABC'S DWG NO.	RB1314□□□□L□-□□□
NAME		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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PROD. NAME	<b>RADIAL INDUCTOR</b>	ABC'S DWG NO.	RB1314□□□□L□-□□□
		ABC'S ITEM NO.	

**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

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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

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September 8, 2000

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