

RADIAL CHOKE COILS / RC TYPE

FEATURES

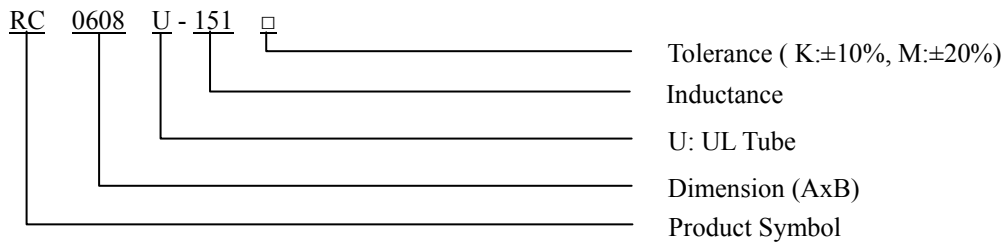
- ◆ High rated current for high current circuits. Designed by special lead wire to prevent open circuit failure.
- ◆ Low cost with rugged reliability and performance fixed inductor.

APPLICATIONS

- ◆ Excellent as DC-DC converter boost or buck inductors. Also used for filtering applications.

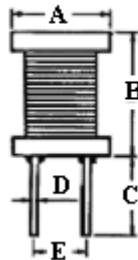


ORDERING CODE

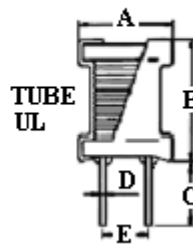


SHAPES

(WITHOUT TUBE)



(WITH UL TUBE)

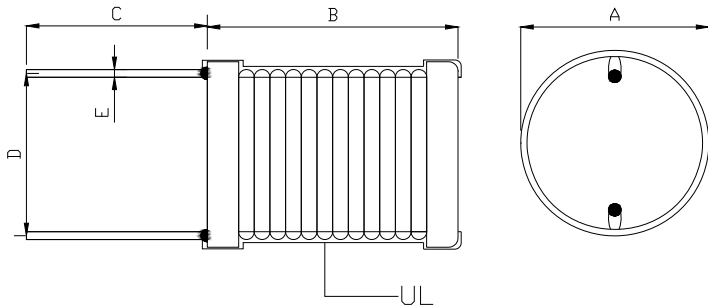
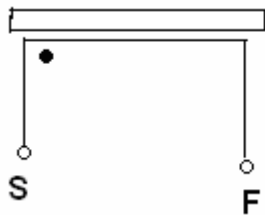


DIMENSIONS UNIT: mm (WITH UL TUBE)

Part No.	A (Max)	B (Max)	C (Min)	D (Typ)	E (Ref.)
RC 0406	5.5	8.0	10	0.50	2.6
RC 0608	7.5	10.0	10	0.60	2.6
RC 0810	10.5	12.5	10	0.65	5.0
RC 0912	11.5	14.0	10	0.80	5.0
RC 1012	11.5	14.0	10	0.80	6.0
RC 1016	12.0	18.0	10	0.80	7.0

*DESIGN AS CUSTOMER'S REQUESTED SPECIFICATIONS

SPECIFICATION FOR APPROVAL

CUSTOMER:		DATE:	
PART NO: RC0406U-681K		DWG.NO: HX8853526	
CUSTOMER PART NO:		CUST.DWG.NO:	
(1) DIMENSION(UNIT: mm) 		A	5.5 (MAX) m/m
		B	8.0 (MAX) m/m
		C	10.0 (MIN) m/m
		D	3.5 ± 1.0 m/m
		E	0.5 ± 0.1 m/m
		F	m/m
		G	m/m
		H	m/m
		I	m/m
		J	m/m
(2)ELECTRICAL REQUIREMENTS		(3)SCHEMATIC	
L (uH)	680 ± 10%		
RDC (Ω)	4 (MAX)		
IDC (mA)	180 (MAX)		
TEST CONDITION	1KHz / 0.25V		
		APPROVED BY 	
		CHECKED BY 	
		DRAWN BY 	

TEST DATA

CUSTOMER:				DATE:				
PART NO: RC0406U-681K				DWG.NO: HX8853526				
CUSTOMER PART NO :				CUST.DWG.NO :				
TEST CONDITION: 1KHz / 0.25V				DIMENSION (UNIT : mm)				
ITEM	L (uH)	RDC (Ω)	IDC (mA)	A	B	C	D	E
SPEC	680 ± 10%	4 (MAX)	180 (MAX)	5.5 (MAX)	8.0 (MAX)	10.0 (MIN)	3.5 ± 1.0	0.5 ± 0.1
1	692	3.90	OK	4.2	6.7	15.5	2.3	0.5
2	690	3.89	OK	4.3	6.8	15.4	2.4	0.5
3								
4								
5								
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10								
$\bar{X}$								
R								
TEST INSTRUMENTS CH101 CH301A						APPROVED BY		
								
						CHECKED BY		
								
						DRAWN BY		
								