



RL-7700-2HC

HIGH CURRENT CERAMIC WIREWOUND CHIP INDUCTORS



FEATURES

- Ceramic core wire wound construction.
- No batch to batch variations in inductance.
- High reliability due to ceramic wirewound construction.

APPLICATIONS

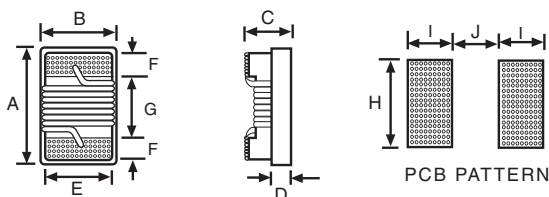
Widely used in the communication applications such as cellular phones, pagers and other high frequency electronics devices.

SPECIFICATIONS

Operating Temperature range: -40°C to +125°C
Storage Temperature: -40°C to +125°C

PRECAUTIONS

- After mounting components onto printed circuit board, be careful not to bend or mishandle the board.
- When hand soldering, apply solder iron to the printed circuit board only. Temperature of the iron tip should not exceed 260°C with soldering time < 3 seconds.
- Reflow soldering condition: 230°C for 10s max.



PART NUMBER IDENTIFICATION

RL-7700 -2 HC 3N9 K
(1) (2) (3) (4) (5)

- (1) SERIES NAME
(2) DIMENSIONS
(3) TYPE CODE: HC = High Current
(4) INDUCTANCE CODE
(5) TOLERANCE CODE
G - $\pm 2\%$ J - $\pm 5\%$
K - $\pm 10\%$

TAPE AND REEL PACKAGING

Part Number	Pieces per reel	Plastic reel size
RL-7700-2HC	4,000	7"

MECHANICAL DIMENSIONS (mm)

Part Number	A Max.	B Max.	C Max.	D Ref.	E Max.	F Max.	G Max.	H Max.	I Max.	J Max.
RL-7700-2HC	1.80	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64



RENCO ELECTRONICS, INC.

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Part Number	Tolerance Available	L (nH)	Test Freq. (MHz)	Q Min.	Q TEST Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	IDC Max. (mA)
RL-7700-2HC-1N6	K,J	1.6	250	24	250	12500	0.030	2400
RL-7700-2HC-3N6	K,J	3.6	250	24	250	5900	0.048	2300
RL-7700-2HC-3N9	K,J	3.9	250	25	250	5900	0.054	2200
RL-7700-2HC-6N8	K,J	6.8	250	35	250	5800	0.054	2100
RL-7700-2HC-7N5	K,J	7.5	250	35	250	3700	0.059	2100
RL-7700-2HC-10N	K,J,G	10.0	250	38	250	3700	0.071	2000
RL-7700-2HC-12N	K,J,G	12.0	250	38	250	3000	0.075	2000
RL-7700-2HC-15N	K,J,G	15.0	250	38	250	2800	0.080	1900
RL-7700-2HC-18N	K,J,G	18.0	250	40	250	2800	0.099	1900
RL-7700-2HC-22N	K,J,G	22.0	250	42	250	2400	0.099	1800
RL-7700-2HC-24N	K,J,G	24.0	250	42	250	2400	0.105	1800

Test Equipment: Agilent / HP 4287 + Agilent / HP 8753D or HP 42191A



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