

HCB10-331-RC Datasheet

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DiGi Electronics Part Number	HCB10-331-RC-DG
Manufacturer	Allied Components International
Manufacturer Product Number	HCB10-331-RC
Description	FERRITE BEAD 330 OHM 0805 1LN
Detailed Description	330 Ohms @ 100 MHz 1 Power Line Ferrite Bead 0805 (2012 Metric) 2A 80mOhm

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Purchase and inquiry

Manufacturer Product Number:

HCB10-331-RC

Series:

-

Filter Type:

Power Line

Impedance @ Frequency:

330 Ohms @ 100 MHz

DC Resistance (DCR) (Max):

80mOhm

Operating Temperature:

-55°C ~ 125°C

Mounting Type:

Surface Mount

Features:

-

Manufacturer:

Allied Components International

Product Status:

Active

Number of Lines:

1

Current Rating (Max):

2A

Ratings:

-

Package / Case:

0805 (2012 Metric)

Size / Dimension:

0.079" L x 0.049" W (2.01mm x 1.24mm)

Environmental & Export classification

RoHS Status:

RoHS Compliant

REACH Status:

REACH info available upon request

Moisture Sensitivity Level (MSL):

1 (Unlimited)

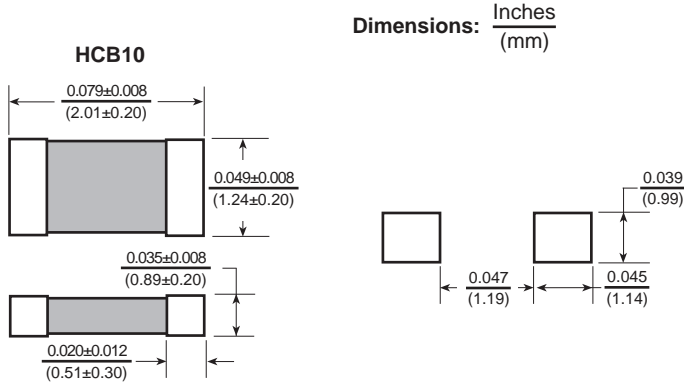
HTSUS:

8504.50.4000



High Current Beads

HCB10

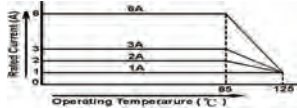


Features

- Surface mount EMI suppression components
- Nickel barrier termination for excellent resistance to solder heat
- High current capacity
- Wide range of impedance values
- Multi layer technology
- Low DCR
- Flow and reflow soldering

Electrical

Impedance Range: 5 to 1500Ω
Tolerance: 25% over entire range
Operating Temp: -55°C ~ +125°C
Storage Temp: Under 25°C at 40~60% Humidity
Rate Current: Based on temp rise not to exceed 30°C
 Rate current is derated as indicated below based on operating temp.



Resistance to Solder Heat

Pre-Heat 150°C, 1 minute
 Solder Composition: Sn/Ag3.0/Cu0.5
 Solder Temp: 260±5°C for 10sec ±1 sec.
 Minimum of 75% of Electrode covered with new solder.
 Impedance within 30% of initial value.

Test Equipment

(Z): HP4291A RF Impedance/Material Analyzer
(RDC): Chen Hwa 502BC

Physical

Packaging: 4000 per 7 inch reel.
Marking: None

Allied Part Number	Impedance (Ω) @ 100 MHz +/- 25%	DC Resistance (Ω) Max.	Rated Current (mA)
HCB10			
HCB10-050-RC	5	0.01	6000
HCB10-070-RC	7	0.01	6000
HCB10-110-RC	11	0.01	6000
HCB10-130-RC	13	0.02	5000
HCB10-150-RC	15	0.02	5000
HCB10-170-RC	17	0.02	5000
HCB10-190-RC	19	0.02	4000
HCB10-220-RC	22	0.02	4000
HCB10-260-RC	26	0.02	4000
HCB10-280-RC	28	0.02	4000
HCB10-300-RC	30	0.02	4000
HCB10-310-RC	31	0.02	4000
HCB10-320-RC	32	0.02	4000
HCB10-330-RC	33	0.02	4000
HCB10-390-RC	39	0.02	3000
HCB10-400-RC	40	0.02	3000
HCB10-420-RC	42	.025	3000
HCB10-470-RC	47	0.03	3000
HCB10-500-RC	50	.025	3000
HCB10-600-RC	60	0.03	3000
HCB10-700-RC	70	0.04	3000
HCB10-750-RC	75	0.04	3000
HCB10-800-RC	80	0.04	3000
HCB10-900-RC	90	0.04	3000
HCB10-101-RC	100	0.04	3000
HCB10-121-RC	121	0.04	3000
HCB10-131-RC	130	0.05	2500
HCB10-151-RC	150	0.05	2500
HCB10-181-RC	180	0.05	2500
HCB10-201-RC	200	0.05	2500
HCB10-221-RC	220	0.08	2000
HCB10-241-RC	240	0.08	2000
HCB10-251-RC	250	0.08	2000
HCB10-301-RC	300	0.08	2000
HCB10-331-RC	330	0.08	2000
HCB10-391-RC	390	0.10	2000
HCB10-401-RC	400	0.10	2000
HCB10-451-RC	450	0.10	2000
HCB10-471-RC	470	0.10	2000
HCB10-501-RC	500	0.10	2000
HCB10-601-RC	600	0.10	2000
HCB10-751-RC	750	0.12	1500
HCB10-102-RC	1000	0.12	1500
HCB10-152-RC	1500	0.30	1000

All specifications subject to change without notice.

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