

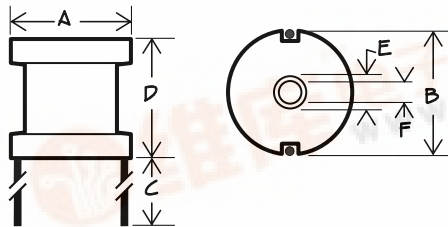
Series

DC1050R  
DC1050

查询"DC1050R-274K"供应商



## High Current Power Line Chokes



## Physical Parameters

|               | Inches                        | Millimeters    |
|---------------|-------------------------------|----------------|
| A             | 1.050 ± 0.050                 | 26.670 ± 1.270 |
| B             | See Characteristics Table     |                |
| C             | 0.750 Min.                    | 19.050 Min.    |
| D             | 0.840 Max.                    | 21.336 Max.    |
| E (Ref. only) | 0.240 Max.                    | 6.096 Max.     |
| F             | Clearance Hole for 4/40 Screw |                |
| G             | See Characteristics Table     |                |

Leads Tinned to within 1/16" of Body

Inductance Measured @ 1 kHz within 0 A DC on a GenRad 1658A Digibridge, or equivalent

Mechanical Configuration Center hole allows for mechanical mounting; insulated bobbins

## Operating Temperature

-55°C to +125°C;  
-55°C to +80°C @ full rated current

Current Rating at 80°C Ambient 45°C Rise

Incremental Current Minimum current which causes a 5% maximum decrease in Inductance

Power Dissipation at 80°C 2.20 Watts Max.

Dielectric Withstanding Voltage 1000 V RMS Min.

Marking Parts printed with DELEVAN and API Part Number and Date Code

Packaging Bulk only

Made in the U.S.A.

DASH NUMBER\*

NOMINAL  
INDUCTANCE (μH)

TOLERANCE

DC RESISTANCE MAX.  
(OHMS) @ 25°CCURRENT RATING  
MAXIMUM (A DC)INCREMENTAL  
CURRENT (A DC)DIMENSION B  
(Inches, Reference)LEAD DIAMETER  
(Inches, Reference)

## SERIES DC1050 FERRITE CORE

|       |      |      |       |     |     |      |       |
|-------|------|------|-------|-----|-----|------|-------|
| -104K | 100  | ±10% | 0.034 | 7.5 | 9.0 | 0.81 | 0.046 |
| -124K | 120  | ±10% | 0.046 | 6.5 | 8.0 | 0.77 | 0.040 |
| -154K | 150  | ±10% | 0.064 | 5.5 | 7.0 | 0.77 | 0.040 |
| -184K | 180  | ±10% | 0.072 | 5.1 | 6.5 | 0.77 | 0.040 |
| -224K | 220  | ±10% | 0.080 | 4.8 | 6.0 | 0.77 | 0.040 |
| -274K | 270  | ±10% | 0.110 | 4.2 | 5.0 | 0.77 | 0.036 |
| -334K | 330  | ±10% | 0.122 | 4.0 | 4.5 | 0.77 | 0.036 |
| -394K | 390  | ±10% | 0.169 | 3.4 | 4.0 | 0.77 | 0.032 |
| -474K | 470  | ±10% | 0.187 | 3.2 | 3.8 | 0.77 | 0.032 |
| -564K | 560  | ±10% | 0.205 | 3.0 | 3.5 | 0.77 | 0.032 |
| -684K | 680  | ±10% | 0.256 | 2.7 | 3.0 | 0.77 | 0.029 |
| -824K | 820  | ±10% | 0.288 | 2.5 | 2.8 | 0.77 | 0.029 |
| -105K | 1000 | ±10% | 0.426 | 2.1 | 2.5 | 0.77 | 0.029 |
| -125K | 1200 | ±10% | 0.462 | 2.0 | 2.2 | 0.77 | 0.026 |
| -155K | 1500 | ±10% | 0.518 | 1.9 | 2.0 | 0.77 | 0.026 |
| -185K | 1800 | ±10% | 0.705 | 1.6 | 1.8 | 0.77 | 0.026 |
| -225K | 2200 | ±10% | 1.020 | 1.4 | 1.5 | 0.77 | 0.023 |
| -275K | 2700 | ±10% | 1.140 | 1.3 | 1.4 | 0.77 | 0.023 |
| -335K | 3300 | ±10% | 1.270 | 1.2 | 1.3 | 0.77 | 0.023 |
| -395K | 3900 | ±10% | 1.670 | 1.1 | 1.2 | 0.77 | 0.020 |
| -475K | 4700 | ±10% | 1.860 | 1.0 | 1.0 | 0.77 | 0.020 |

\*Complete part # must include series # PLUS the dash #

For further surface finish information,  
refer to TECHNICAL section of this catalog.Delevan®  
American Precision Industries

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