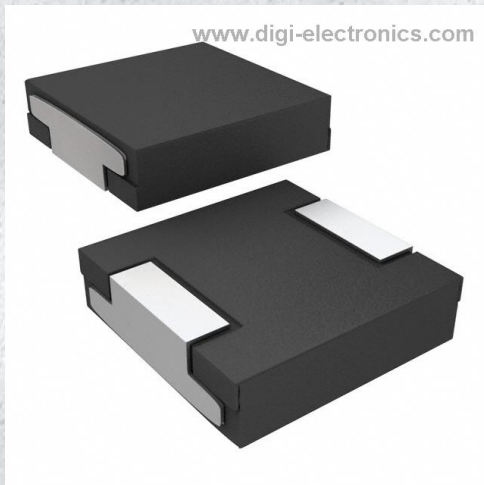


# IHLP5050FDER8R2M51 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	IHLP5050FDER8R2M51-DG
Manufacturer	<a href="#">Vishay Dale</a>
Manufacturer Product Number	IHLP5050FDER8R2M51
Description	FIXED IND 8.2UH 13.2A 14.12 MOHM
Detailed Description	8.2 $\mu$ H Shielded Molded Inductor 13.2 A 14.12mOhm Max Nonstandard



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

**Manufacturer Product Number:**

IHLP5050FDER8R2M51

**Series:**

IHLP-5050FD-51

**Type:**

Molded

**Inductance:**8.2  $\mu$ H**Current Rating (Amps):**

13.2 A

**Shielding:**

Shielded

**Q @ Freq:**

-

**Ratings:**

-

**Inductance Frequency - Test:**

100 kHz

**Package / Case:**

Nonstandard

**Size / Dimension:**

0.522" L x 0.508" W (13.26mm x 12.90mm)

**Manufacturer:**

Vishay Dale

**Product Status:**

Active

**Material - Core:**

-

**Tolerance:** $\pm$ 20%**Current - Saturation (Isat):**

7.6A

**DC Resistance (DCR):**

14.12mOhm Max

**Frequency - Self Resonant:**

10.3MHz

**Operating Temperature:**

-55°C ~ 125°C

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

-

**Height - Seated (Max):**

0.252" (6.40mm)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8504.50.4000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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