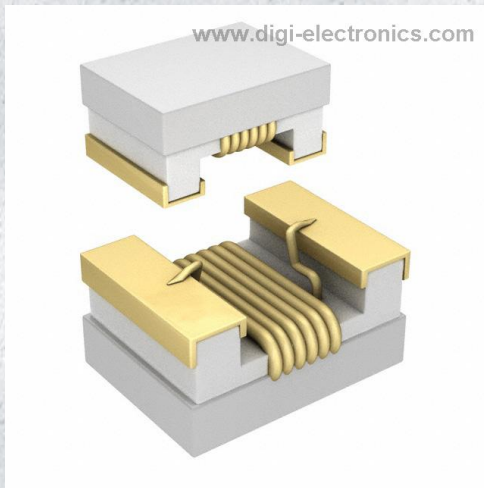


# 744761182C Datasheet



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

DiGi Electronics Part Number	744761182C-DG
Manufacturer	<a href="#">Würth Elektronik</a>
Manufacturer Product Number	744761182C
Description	FIXED IND 82NH 400MA 580MOHM SMD
Detailed Description	82 nH Unshielded Drum Core, Wirewound Inductor 400 mA 580mOhm Max 0603 (1608 Metric)



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:**

744761182C

**Series:**

WE-KI

**Type:**

Drum Core, Wirewound

**Inductance:**

82 nH

**Current Rating (Amps):**

400 mA

**Shielding:**

Unshielded

**Q @ Freq:**

30 @ 150MHz

**Ratings:**

-

**Inductance Frequency - Test:**

150 MHz

**Package / Case:**

0603 (1608 Metric)

**Size / Dimension:**

0.065" L x 0.045" W (1.65mm x 1.15mm)

**Manufacturer:**

Würth Elektronik

**Product Status:**

Active

**Material - Core:**

Ceramic

**Tolerance:**

±5%

**Current - Saturation (Isat):**

-

**DC Resistance (DCR):**

580mOhm Max

**Frequency - Self Resonant:**

1.7GHz

**Operating Temperature:**

-40°C ~ 125°C

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

0603 (1608 Metric)

**Height - Seated (Max):**

0.043" (1.10mm)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8504.50.8000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99



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