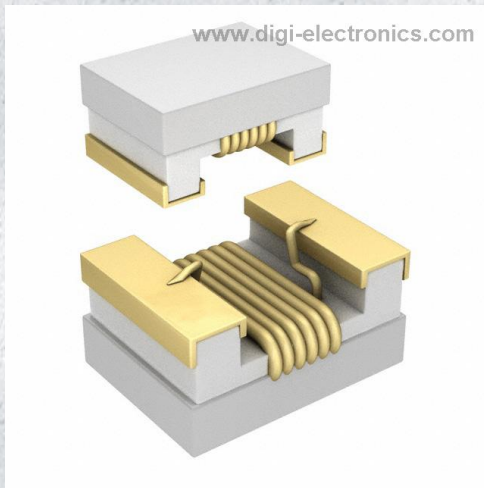


# 744761075C Datasheet



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

|                              |   |
|------------------------------|---|
| DiGi Electronics Part Number | 744761075C-DG   |
| Manufacturer                 | <a href="#">Würth Elektronik</a>  |
| Manufacturer Product Number  | 744761075C  |
| Description                  | FIXED IND 7.5NH 700MA 100MOHM SM  |
| Detailed Description         | 7.5 nH Unshielded Drum Core, Wirewound Inductor 700 mA 100mOhm Max 0603 (1608 Metric) |



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## Purchase and inquiry

**Manufacturer Product Number:**

744761075C

**Series:**

WE-KI

**Type:**

Drum Core, Wirewound

**Inductance:**

7.5 nH

**Current Rating (Amps):**

700 mA

**Shielding:**

Unshielded

**Q @ Freq:**

28 @ 250MHz

**Ratings:**

-

**Inductance Frequency - Test:**

250 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):**

100mOhm Max

**Frequency - Self Resonant:**

4.8GHz

**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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