

# 744782056 Datasheet

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DiGi Electronics Part Number	744782056-DG
Manufacturer	<a href="#">Würth Elektronik</a>
Manufacturer Product Number	744782056
Description	FIXED IND 5.6NH 300MA 600MOHM SM
Detailed Description	5.6 nH Unshielded Multilayer Inductor 300 mA 600m Ohm Max 0201 (0603 Metric)



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## Purchase and inquiry

**Manufacturer Product Number:**

744782056

**Series:**

WE-MK

**Type:**

Multilayer

**Inductance:**

5.6 nH

**Current Rating (Amps):**

300 mA

**Shielding:**

Unshielded

**Q @ Freq:**

20 @ 800MHz

**Ratings:**

-

**Inductance Frequency - Test:**

100 MHz

**Package / Case:**

0201 (0603 Metric)

**Size / Dimension:**

0.024" L x 0.012" W (0.60mm x 0.30mm)

**Manufacturer:**

Würth Elektronik

**Product Status:**

Active

**Material - Core:**

Ceramic

**Tolerance:**

±0.3nH

**Current - Saturation (Isat):**

-

**DC Resistance (DCR):**

600mOhm Max

**Frequency - Self Resonant:**

5.5GHz

**Operating Temperature:**

-40°C ~ 120°C

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

0201 (0603 Metric)

**Height - Seated (Max):**

0.013" (0.33mm)

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Affected

**HTSUS:**

8504.50.8000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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