

# 831758200 Datasheet

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DiGi Electronics Part Number	831758200-DG
Manufacturer	<a href="#">Würth Elektronik</a>
Manufacturer Product Number	831758200
Description	FIXED IND 8.2UH 8.5A 22.5MOHM SM
Detailed Description	8.2 $\mu$ H Shielded Molded Inductor 8.5 A 22.5mOhm 2-SMD, J-Lead

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## Purchase and inquiry

**Manufacturer Product Number:**

831758200

**Series:**

WE-MASH-I

**Type:**

Molded

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

8.5 A

**Shielding:**

Shielded

**Q @ Freq:**

-

**Ratings:**

AEC-Q200

**Inductance Frequency - Test:**

100 kHz

**Package / Case:**

2-SMD, J-Lead

**Size / Dimension:**

0.512" L x 0.512" W (13.00mm x 13.00mm)

**Manufacturer:**

Würth Elektronik

**Product Status:**

Obsolete

**Material - Core:**

-

**Tolerance:** $\pm$ 10%**Current - Saturation (Isat):**

18A

**DC Resistance (DCR):**

22.5mOhm

**Frequency - Self Resonant:**

-

**Operating Temperature:**

-40°C ~ 125°C

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

SMD

**Height - Seated (Max):**

-

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**ECCN:**

EAR99

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**HTSUS:**

8504.50.4000

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