

# SMP1812-123K Datasheet



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DiGi Electronics Part Number	SMP1812-123K-DG
Manufacturer	<a href="#">Gowanda Electronics</a>
Manufacturer Product Number	SMP1812-123K
Description	MOLDED SHIELDED INDUCTOR
Detailed Description	120 $\mu$ H Unshielded Molded Inductor 203 mA 5.530 hm Max 1812 (4532 Metric)



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## Purchase and inquiry

**Manufacturer Product Number:**

SMP1812-123K

**Series:**

SMP1812

**Type:**

Molded

**Inductance:**120  $\mu$ H**Current Rating (Amps):**

203 mA

**Shielding:**

Unshielded

**Q @ Freq:**

-

**Ratings:**

-

**Inductance Frequency - Test:**

1 kHz

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

1812

**Height - Seated (Max):**

0.138" (3.50mm)

**Manufacturer:**

Gowanda Electronics

**Product Status:**

Active

**Material - Core:**

Ferrite

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

214mA

**DC Resistance (DCR):**

5.530hm Max

**Frequency - Self Resonant:**

-

**Operating Temperature:**

-55°C ~ 125°C

**Features:**

-

**Package / Case:**

1812 (4532 Metric)

**Size / Dimension:**

0.177" L x 0.126" W (4.50mm x 3.20mm)

## Environmental & Export classification

**RoHS Status:**

Not applicable

**REACH Status:**

REACH Unaffected

**HTSUS:**

8504.50.8000

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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