SC10330KT ✔ ACTIVE

Sigma | Sigma SC

TE Internal #: 1623952-1

High Frequency & RF Inductors, Radio Frequency, Through Hole - Solder, Ammo Packed, 10 x 4.2 mm, 10 %, Inductance 33 µH, 210 mA, Sigma SC

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Passive Components > Inductors > High Frequency & RF Inductors

Inductor Type: **Radio Frequency**

Termination Method to Printed Circuit Board: **Through Hole - Solder**

Packaging Method: **Ammo Packed**

Passive Component Dimensions: **10 x 4.2 mm**

Passive Component Tolerance: **10 %**

Features

Product Type Features

Inductor Type	Radio Frequency
Element Type	Wire Wound

Electrical Characteristics

Self Resonant Frequency	.022 GHz
Passive Component Tolerance	10 %
Inductance	33 µH
Current Rating (Max)	210 mA
DC Resistance	5.2 Ω

Body Features

Passive Component Lead Type	Axial-Leaded

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Dimensions

Passive Component Dimensions	10 x 4.2 mm

Usage Conditions

Operating Temperature Range	-55 – 100 °C

Packaging Features

Packaging Method	Ammo Packed

Other

Inductor Quality Factor	55

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

Compatible Parts

TE Part # 1624009-2
SC30-10-2513-10 1UH AMMO 1000

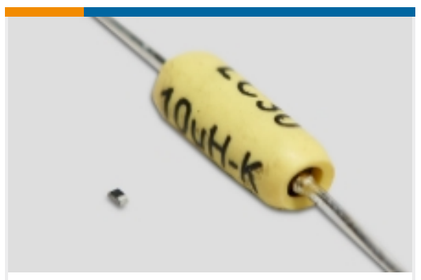
TE Part # 1623937-3
SC10-10-0525-10 10UH AMMO 1000

TE Part # 1624001-3
SC30-10-2537-10 100UH AMMO 1000

TE Part # 1624023-2
SC30-10-2519-10 3.3UH AMMO 1000

TE Part # 1624019-2
SC30-10-2531-10 33UH AMMO 1000

Also in the Series | Sigma SC



High Frequency & RF Inductors(69)

LC Connectors(3)

Printable Tubing(9)

Documents

Product Drawings

SC10-10-0531-10 33UH AMMO 1000

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623952-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1623952-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623952-1_BA.3d_stp.zip

English

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Axial Leaded Power Inductors - Type SC10, SC15, SC30 Series - Tyco Electronics Passives

English