SC30681KT ✔ ACTIVE

Sigma | Sigma SC

TE Internal #: 1624032-1

Sigma SC, High Frequency & RF Inductors, Radio Frequency, Through Hole - Solder, Ammo Packed, 7 x 2.8 mm, 10 Passive Component Tolerance

View on TE.com >

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: **7 x 2.8 mm**

Passive Component Tolerance: **10 %**

Features

Product Type Features

Inductor Type	Radio Frequency
Element Type	Wire Wound

Electrical Characteristics

Self Resonant Frequency	.004 GHz
Passive Component Tolerance	10 %
Inductance	680 µH
Current Rating (Max)	54 mA
DC Resistance	60 Ω

Body Features

Passive Component Lead Type	Axial-Leaded

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Dimensions

Passive Component Dimensions	7 x 2.8 mm

Usage Conditions

Operating Temperature Range	-55 – 100 °C

Packaging Features

Packaging Method	Ammo Packed

Other

Inductor Quality Factor	30

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	Not Yet Reviewed
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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

Compatible Parts

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

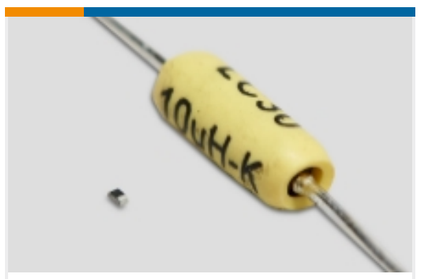
TE Part # 1623937-3
SC10-10-0525-10 10UH AMMO 1000

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



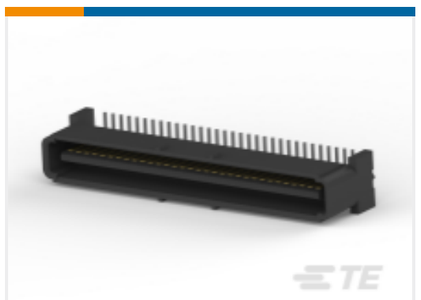
High Frequency & RF Inductors(69)

LC Connectors(3)

Printable Tubing(9)

SC Connectors(1)

Customers Also Bought



TE Part #1-5120534-1
Free Height Plug Connector: Board-Board, Vertical, 64, 1mm

TE Part #2102092-1
Fortis Zd 2Pr 10Col Vert End Mod Assy

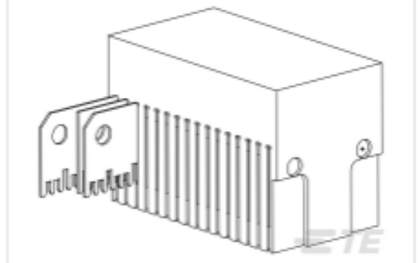
TE Part #2102093-1
Fortis Zd 2Pr 10Col Vert Cent Mod Assy

TE Part #2102086-1
Fortis Zd 2Pr 10Col R/A Left Module Assy

TE Part #1676330-3
RN 0805 3K65 0.1% 10PPM 5KRL

TE Part #1676417-3
RN 0805 6K65 0.1% 10PPM 5KRL

TE Part #1623976-1
SC10-10-0511-10 0.68UH AMMO 1000



TE Part #1-1804790-3
SEATING TL ASSY, STD 4PR

TE Part #AS216-35SN
RECEPT.BOX MNTG.TYPE 2

TE Part #1676269-1
RN 0805 261R 0.1% 10PPM CUT LENGTH

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624032-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624032-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624032-1_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