36550603JR15T ✔ ACTIVE

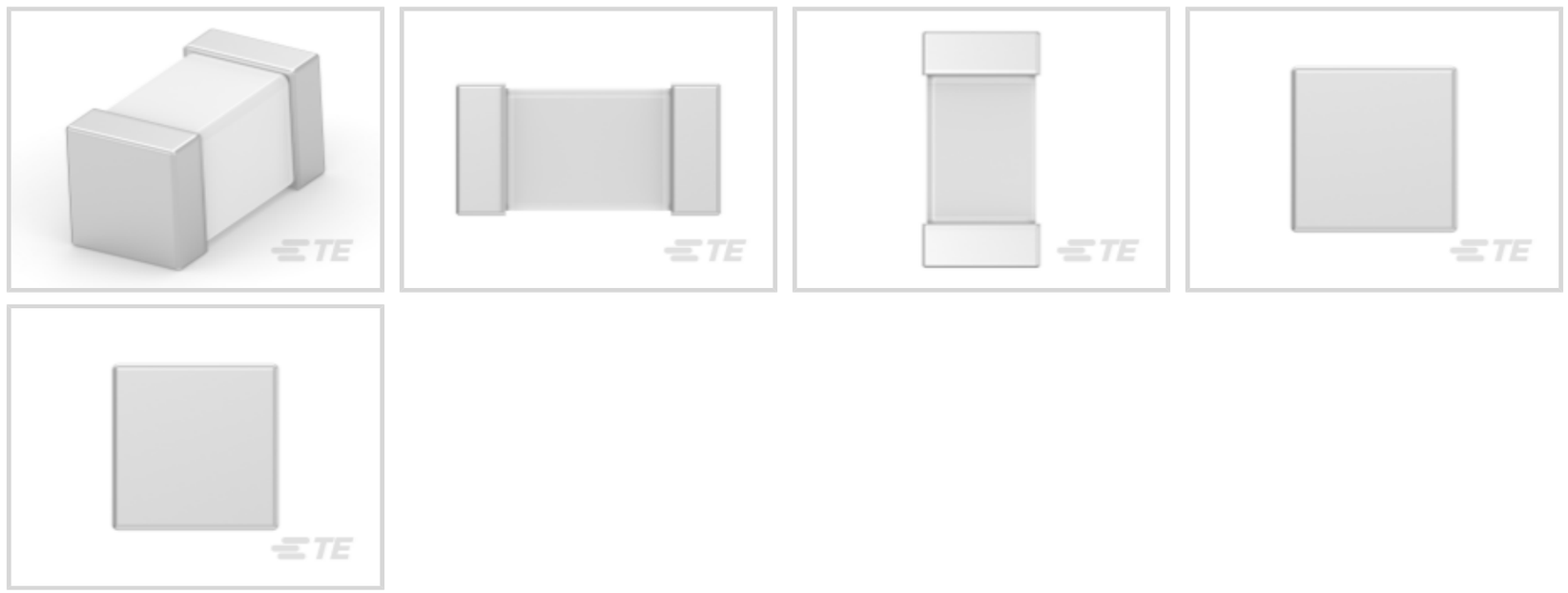
Sigma | Sigma 3655

TE Internal #: 3-2176738-4

.15 µH Molded SMD Inductor, 200 mA, 1.6 ohm DC Resistance, 8, 5 %, Length 1.6 mm [.062 in], Width .8 mm [.031 in], Height .8 mm [.031 in], Sigma 3655

View on TE.com >

Passive Components > Inductors > Molded SMD Inductors > Automotive Grade Multilayer Chip SMD Inductors



Inductance: **.15 µH**

Current Rating (Max): **200 mA**

DC Resistance: **1.6 Ω**

Inductor Quality Factor: **8**

Passive Component Tolerance: **5 %**

All Automotive Grade Multilayer Chip SMD Inductors (87)

Features

Product Type Features

Package Size Code	0603
Element Type	Multilayer Metal Paste

Electrical Characteristics

Self Resonant Frequency	500 MHz
Inductance	.15 µH
Current Rating (Max)	200 mA
DC Resistance	1.6 Ω
Passive Component Tolerance	5 %

Dimensions

Product Length	1.6 mm[.062 in]
Product Width	.8 mm[.031 in]
Product Height	.8 mm[.031 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C

Packaging Features

Packaging Method	Taped & Reeled

Other

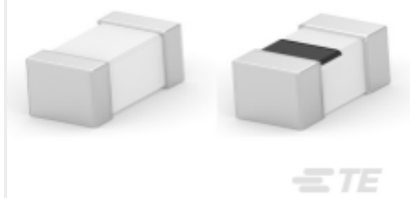
Inductor Quality Factor	8

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Compatible Parts



TE Part # CAT-LV2-3655

Automotive Grade Multilayer Chip SMD Inductors

Also in the Series | Sigma 3655

Molded SMD Inductors(87)

Documents

Product Drawings

3655 0603 R15 5% T&R

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-2176738-4_BA.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176738-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176738-4_BA.2d_dxf.zip

English

Datasheets & Catalog Pages

Automotive Grade Multilayer Chip Inductor Type 3655 Series

English