3430A2F2R0TDF ✔ ACTIVE

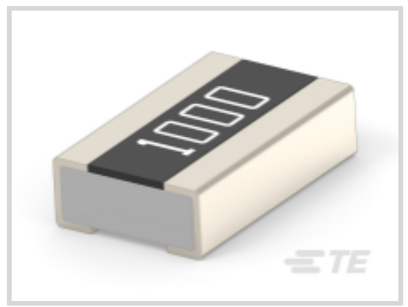
CGS | CGS 3430

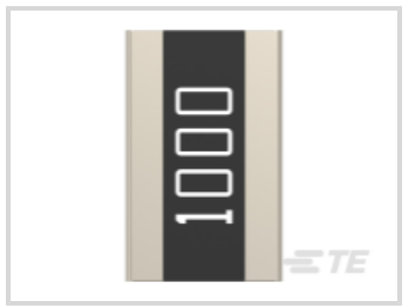
TE Internal #: 2176554-9

Surface Mount Power Resistor, Thick Film, 0508, 1 W, 2 ohm, 1 %, ±150 ppm/°C, Solder, 2 Terminations, Height .55 mm [.022 in], CGS 3430

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors





Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **0508**

Power Rating: **1 W**

Resistance Value: **2 Ω**

Features

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±150 ppm/°C

Electrical Characteristics

Operating Voltage	200 V
Power Rating	1 W
Resistance Value	2 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Film
Package Size Code	0508

Configuration Features

Number of Resistors	1

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.55 mm[.022 in]
Product Length	1.25 mm[.049 in]
Product Width	2 mm[.079 in]

Packaging Features

Packaging Method	Taped & Reeled

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Not Compliant

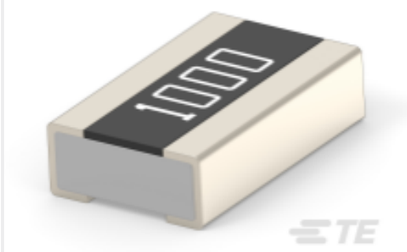
Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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

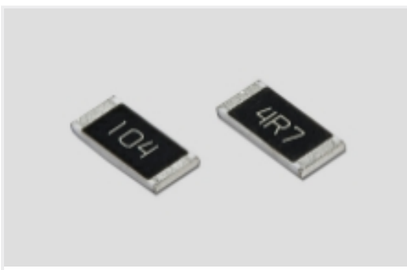
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



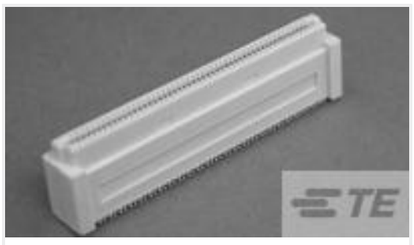
TE Part # 2176552-9
3430 A2 1% 2R0 150ppm 5k RL

Also in the Series | CGS 3430



Surface Mount Resistors(1168)

Customers Also Bought



TE Part #5-5179010-3
0.8FH,R13H.5,080,08/Sn,TU

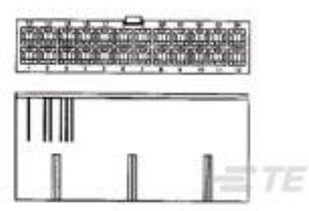
TE Part #292173-6
CT BOX HDR H SMT 6P O/TAPE BLA

TE Part #1-2141324-1
6POS, MCON 1.2 LL TAB SEALED COD A

TE Part #1-794075-0
16P MINI UMNL HDR W/O DH SN

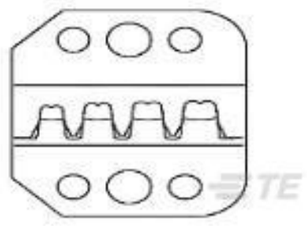
TE Part #1-770743-1
10P MINI UMNL HDR ASSY VRT LF

TE Part #794939-1
04P MINI UMNL CAP HSG



TE Part #1-1586000-0
10P FH PLUG VAL-U-LOK V2

TE Part #1-1718646-1
6POS, MCON 1.2 LL REC SEALED



TE Part #2063537-2
SDE MCON1.2 0.5-0.75mm2 DIE SET

TE Part #6-1393788-8
V23079E1201B301

Documents

Product Drawings

3430 A2 1% 2R0 150ppm 1k RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_2176554-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176554-9_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2176554-9_BA.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Datasheet - CGS 3430 Series

English

Automotive Grade Wide Terminal Chip Resistor - Type 3430 Series

English