3631C470LT ✔ ACTIVE

Sigma | Sigma 3631

TE Internal #: 3-1625812-1

47 µH Power Inductor, 2200 mA, .085 ohm DC Resistance, 15 %, Shielded, 12.7 mm [.5 in] Length, 12.7 mm [.5 in] Width, Sigma 3631

View on TE.com >

Passive Components > Inductors > Power Inductors



Inductance: **47 µH**

Current Rating (Max): **2200 mA**

DC Resistance: **.085 Ω**

Passive Component Tolerance: **15 %**

Shielded: **Yes**

Features

Product Type Features

Element Type	Wire Wound

Electrical Characteristics

Inductance	47 µH
Current Rating (Max)	2200 mA
DC Resistance	.085 Ω
Passive Component Tolerance	15 %

Dimensions

Product Length	12.7 mm[.5 in]
Product Width	12.7 mm[.5 in]
Product Height	8 mm[.314 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C

Operation/Application

Shielded	Yes

Packaging Features

Packaging Method	Taped & Reeled

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 2023 (235) 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 245°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides 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 # 1625812-6
3631B 220UH 10%



TE Part # 1625812-2
3631B 100UH 15% FIO



TE Part # 1-1625812-2
3631B 47UH 15% FIO



TE Part # 1625812-4
3631B 22UH 20% FIO

TE Part # 1-1625812-3
3631B 470UH 10% FIO

Also in the Series | Sigma 3631

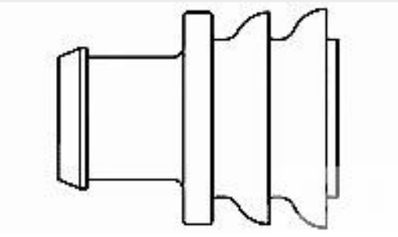


Power Inductors(25)

Customers Also Bought



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #206070-8
CABLE CLAMP KIT #17

Documents

Product Drawings

3631C 47UH 15%

English

Datasheets & Catalog Pages

Shielded SMD Power Inductor - Type 3631 Series - Tyco Electronics Passives

English