

SMA-A0102BTN270R

! PENDING OBSOLESCENCE

TE Internal #: 2176314-6

TE Internal Description: MELF SMA_A 270R 0.1% 15PPM 0102 0.3W

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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: JAN 2025 (247) 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 260°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 # 2176316-5
MELF SMA_A 220R 0.1% 15PPM 0207 1W

TE Part # 6-2176314-9
MELF SMA-A 10R 1% 50PPM 0102 0.3 W

TE Part # 9-2176316-4
MELF SMA-A 330K 1% 50PPM 0207 1W

TE Part # 9-2176315-8
MELF SMA-A 1M0 1% 50PPM 0204 0.4 W

TE Part # 3-2176315-2
MELF SMA_A 39K 0.1% 15PPM 0204 0.4W

Customers Also Bought

TE Part #2301996-6
RJ45 JACK INT.MAG. 10/100 LED 1X2

TE Part #1-2176609-8
EP 1W (SSS) 5R1 5%

TE Part #2176481-8
RA73F 1J 6K98 0.1% 5K RL

TE Part #5-2176362-7
RQ 0402 154R 0.1% 10PPM 5K RL

TE Part #4-2176577-5
RLC73K 2B R162 1% 5K RL

TE Part #2423324-2
Header 2P Blue HCI 4.0 Pitch

TE Part #2-2176314-9
MELF SMA_A 22K 0.1% 15PPM 0102 0.3W

TE Part #2319848-4
END STACK DIP 4P G RECESS TUBE

TE Part #1-2176314-7
MELF SMA_A 2K2 0.1% 15PPM 0102 0.3W

TE Part #5-2176379-3
RQ 0805 374R 0.1% 10PPM 5K RL

Documents



Product Drawings

MELF SMA_A 270R 0.1% 15PPM 0102 0.3W

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176314-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176314-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176314-6_BA.3d_stp.zip

English

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