FLDWC0311-12-5 ✓ ACTIVE

Raychem

TE Internal #: 493009-000

Hook Up Wire, FlexLite DW, 600V Voltage Rating, Green Wire Color, 12AWG Wire Size, 3.31mm² Wire Size, Operating Temperature Range -65 – 125 °C

View on TE.com >

Wire & Cable > Hook Up Wire

Cable Type:	**FlexLite DW**
Voltage Rating:	**600 V**
Wire Color:	**Green**
Insulation Material:	**Radiation-Crosslinked, Polyalkene**
Conductor Material:	**Tin-Plated Copper**

Features

Product Type Features

Product Type	Wire
Product Classification	Wire - Commercial
Cable Style	Primary, Stranded
Cable Type	FlexLite DW

Configuration Features

Number of Conductors	1
Number of Strands	19

Electrical Characteristics

Resistance (Max)	1.92 Ω/1000 ft @ 68°F
Voltage Rating	600 V

Body Features

Weight	36.46 kg/km
Wire Color	Green
Insulation Material	Radiation-Crosslinked, Polyalkene
Conductor Material	Tin-Plated Copper

Dimensions

Wire Diameter	3.1 mm[.122 in]

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Overall Outside Diameter	3.0988 mm[.122 in]
Overall Outside Diameter Range	3 – 3.2 mm[.118 – .126 in]
	12 AWG
Conductor Diameter	2.29 mm[.09 in]
Cable Insulation Thickness	.127 mm[.005 in]
Strand Size	25 AWG
Wire Size	3.31 mm²

Usage Conditions

Operating Temperature Range	-65 – 125 °C

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: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
Halogen Content	Out of Scope - excluded from Halogen requirements
Solder Process Capability	Not applicable for solder process capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

FLDWC0311-12-5

Hook Up Wire, FlexLite DW, 600V Voltage Rating, Green Wire Color, 12AWG Wire Size, 3.31mm² Wire Size, Operating Temperature Range -65 – 125 °C

TE Model / Part # 650076-000
D-436-38

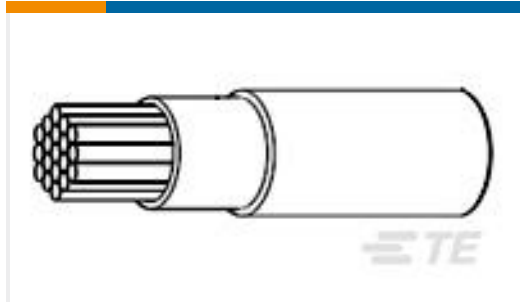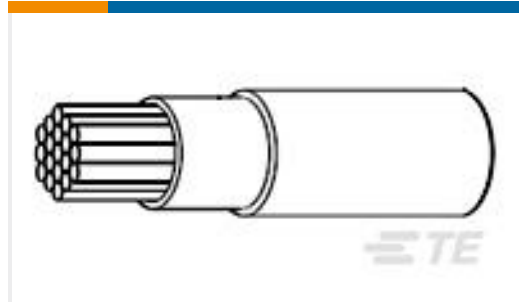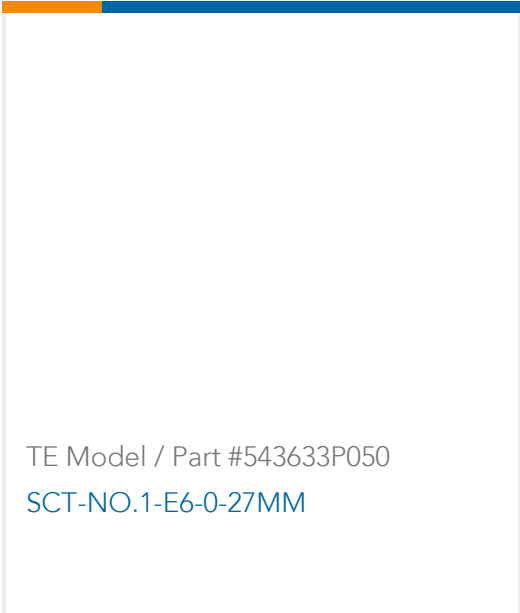## Customers Also Bought

TE Model / Part #829131P043
ES2000-NO.1-C1-0-35MM

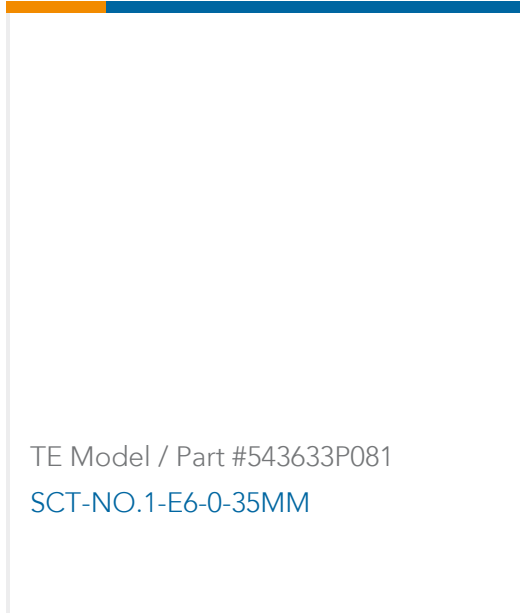TE Model / Part #710030-5
XCT 16-8

TE Model / Part #768421-000
FLDWC0311-12-0

TE Model / Part #484379-000
FLDWC0311-12-1

TE Model / Part #543633P050
SCT-NO.1-E6-0-27MM

TE Model / Part #7990493002
FLDWC0311-18-0

TE Model / Part #543633P081
SCT-NO.1-E6-0-35MM

Documents

Product Drawings
FLDWC0311-12-5

English

Datasheets & Catalog Pages
1654025_Sec9_FlexLite

English

Wire and Cable Overview

English

Product Specifications
Product Specification

English