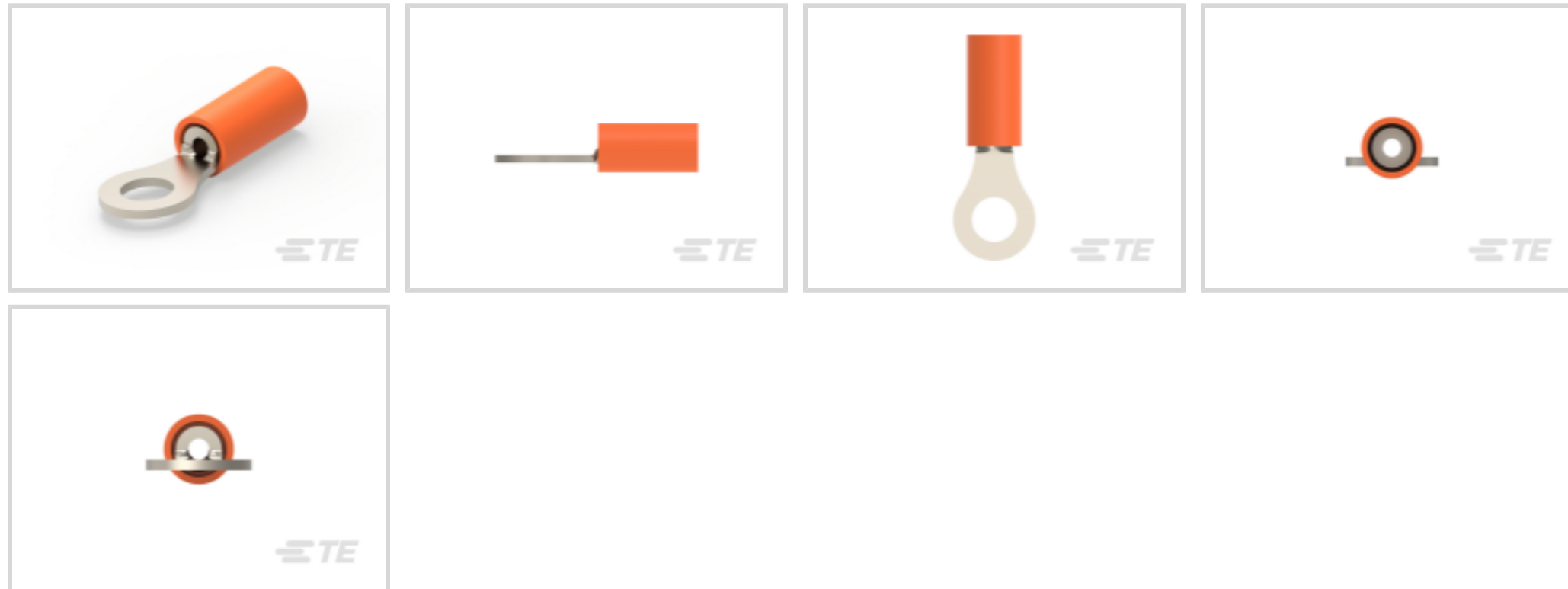# 50836-1 ✔ ACTIVE

STRATO-THERM

TE Internal #: 50836-1

Closed Ring Tongue Terminal, 18 – 16 AWG, #10 Stud Size, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM

[View on TE.com >](#)

Terminals & Splices > Ring Terminals

Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **1600 – 2800 CMA**

Stud Size: **#10**

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1

Electrical Characteristics

Voltage Rating	300 V

Body Features

Product Weight	1 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Nickel

Mechanical Attachment

50836-1

Closed Ring Tongue Terminal, 18 – 16 AWG, #10 Stud Size, 5 mm [.197 in] Stud
Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM

Wire Insulation Support	With

Dimensions

Wire Size	1600 – 2800 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	21.72 mm[.855 in]
Compatible Insulation Diameter (Max)	3.43 mm[.135 in]
Compatible Insulation Diameter Range	1.4 – 3.43 mm[.055 – .135 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	288 °C[550 °F]

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	5000
Packaging Method	Loose Piece

Product Compliance

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

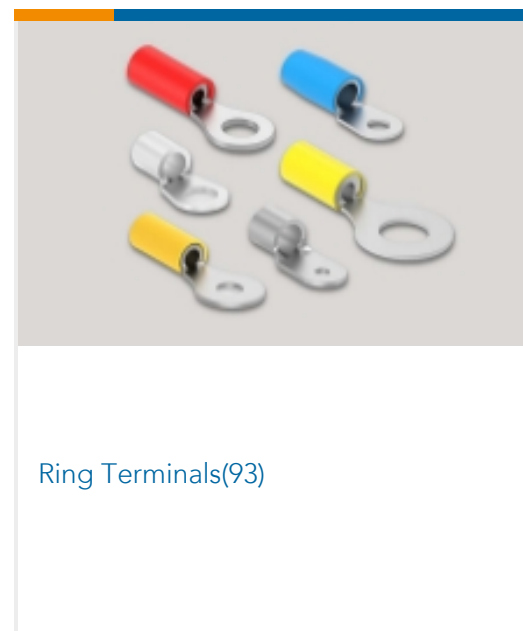| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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

50836-1

Closed Ring Tongue Terminal, 18 – 16 AWG, #10 Stud Size, 5 mm [.197 in] Stud
Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM

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 # 69733

PIDG STRATO 18-16 DIE SET

TE Part # 69693-1

T-HEAD PIDG STRATO 18-14 ASSY

Also in the Series | STRATO-THERM

Crimp Wire Pins, Tabs & Ferrules(1)

Ring Terminals(93)

Splices(16)

Customers Also Bought

TE Part #50840-1

TERMINAL,PIDG PTFE R 14 10

TE Part #9-1437624-4

PKS1103B101/4=KNOB PLSTC AL/SK

TE Part #YDTS20F19-32SNV001

RECP ASSY

TE Part #277152-4

TERMINAL,COPALUM R 2/0 3/8

Closed Ring Tongue Terminal, 18 – 16 AWG, #10 Stud Size, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM
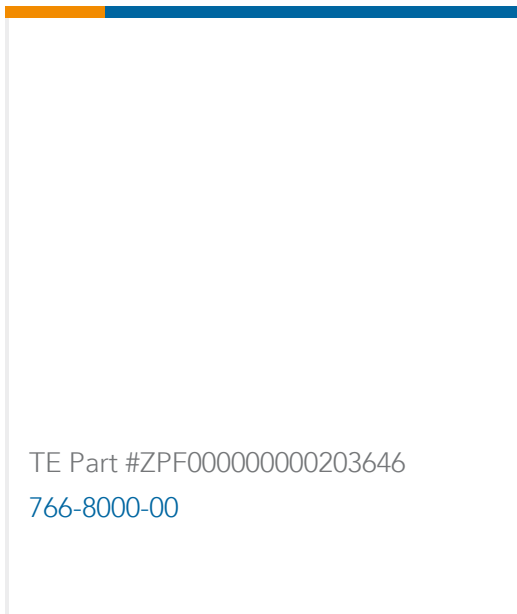
TE Part #50845-2
TERMINAL,PIDG PTFE R 12-10 10

TE Part #5260030007
TC-CAPS-4005-8

TE Part #617439-000
55PC0216-24-9CS2674

TE Part #2291687-1
TERM,RING TONGUE,SEALED COP,1/0 CU

TE Part #ZPF000000000203646
766-8000-00

Documents

Product Drawings

TERMINAL,PIDG PTFE R 18-16 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_50836-1_L_c-50836-1-l.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_50836-1_L_c-50836-1-l.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_50836-1_L_c-50836-1-l.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English