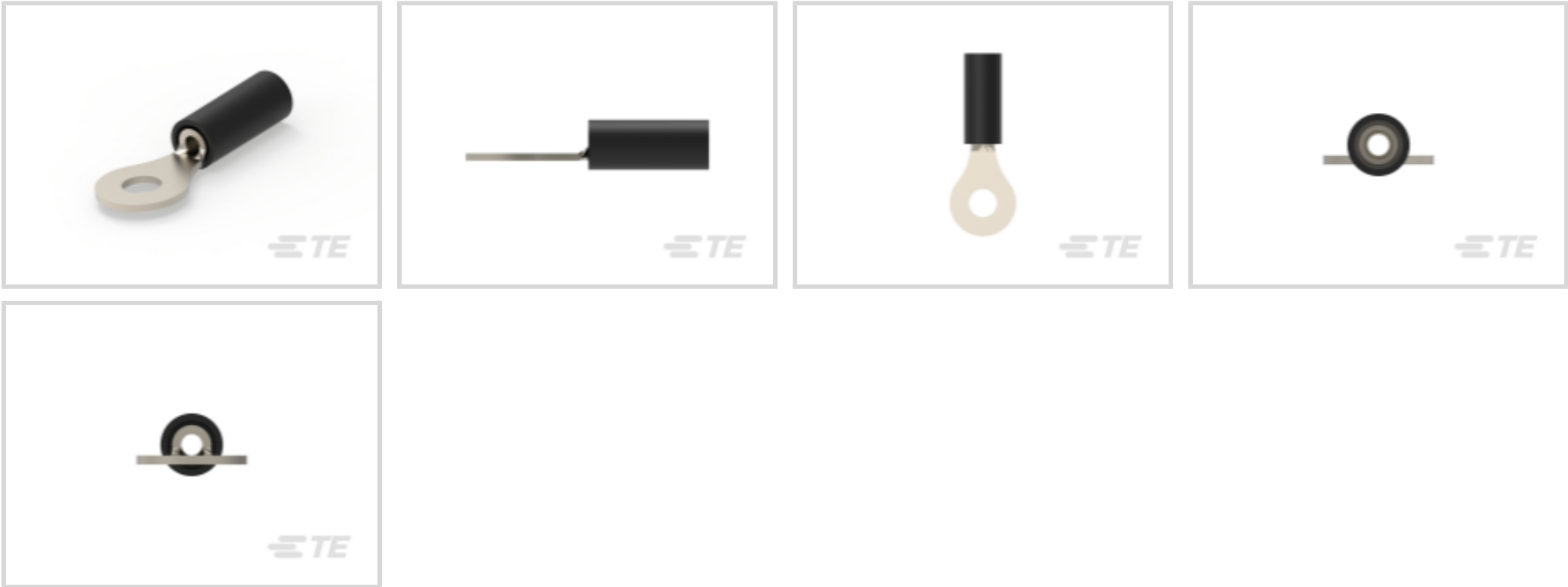# 50831 ✓ ACTIVE

STRATO-THERM

TE Internal #: 50831

Closed Ring Tongue Terminal, 22 – 20 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Nickel Plating, STRATO-THERM

View on TE.com >

Terminals & Splices > Ring Terminals

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

Wire Size: **509 – 1290 CMA**

Stud Size: **#4, M2.5**

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#4, M2.5
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	10 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Nickel

Mechanical Attachment

50831

Closed Ring Tongue Terminal, 22 – 20 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud
Diameter, Closed Barrel, Straight, Nickel Plating, STRATO-THERM

Wire Insulation Support	With

Dimensions

Wire Size	509 – 1290 CMA
Stud Diameter	3.02 mm[.119 in]
Tongue Thickness	.64 mm[.025 in]
Product Length	19.69 mm[.775 in]
Compatible Insulation Diameter (Max)	2.54 mm[.1 in]
Compatible Insulation Diameter Range	.89 – 2.54 mm[.035 – .1 in]

Usage Conditions

Insulation Option	Partially Insulated

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	1000
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

Closed Ring Tongue Terminal, 22 – 20 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Nickel Plating, STRATO-THERM

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 # 69692-1
T-HEAD PIDG STRATO 26-20 ASSY

TE Part # 69732
PIDG STRATO 22-20 DIE SET

Also in the Series | STRATO-THERM

Crimp Wire Pins, Tabs & Ferrules(1)

Ring Terminals(85)

Splices(13)

Customers Also Bought

TE Part #0479490001
HTCM-SCE-1/2-4H-9

TE Part #50831-1
TERMINAL,PIDG PTFE R 22-20 6

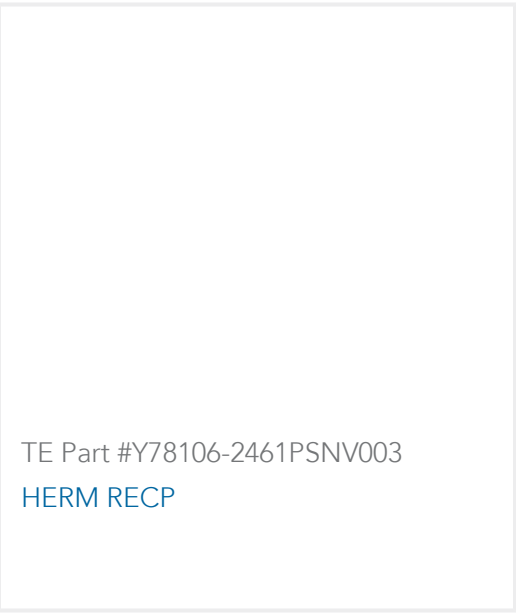TE Part #7-2213766-7
AV19 DPL 3A POWER LED BLUE 12V

TE Part #6609054-1
3EHQ1=F7671 S0

TE Part #ZPF000000000000795
047-1014-20

TE Part #2-31811-3
TERMINAL 4 SOLIS RING 1/4

TE Part #321035
PIDG 26-22 SPADE #4 STUD

TE Part #770250-1
UMNL II PIN PTPBR LP 20-14

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Closed Ring Tongue Terminal, 22 – 20 AWG, #4 / M2.5 Stud, 3.02 mm [.119 in] Stud Diameter, Closed Barrel, Straight, Nickel Plating, STRATO-THERM

TE Part #820016-000
381A015-3/42-0

TE Part #Y78106-2461PSNV003
HERM RECP

Documents

Product Drawings

TERMINAL,PIDG PTFE R 22-20 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_50831_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_50831_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_50831_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

STRATO-THERM Terminals & Splices for High Temperature Applications

English

Product Specifications

Application Specification

English