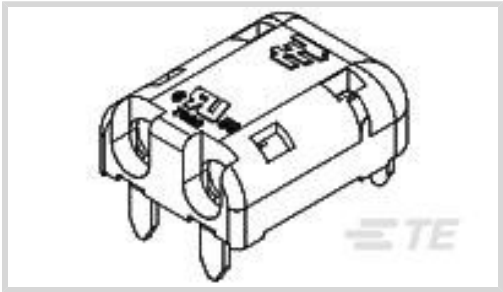




Connectors > Lighting Connectors > Poke-In Connectors



Connector System: **Wire-to-Board**
Number of Positions: **2**
Centerline (Pitch): **4 mm [.157 in]**
Sealable: **No**
Connector & Contact Terminates To: **Printed Circuit Board, Wire & Cable**

Features

Product Type Features

Wire/Cable Type	Discrete Wire
Lighting Interconnect Level	Level 2
Connector Type	Connector Assembly
Product Type	Connector
Glow Wire Rating	Standard Part - Not Glow Wire
Connector Style	Receptacle
Product Line	Poke-In
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

Pre-Designed Cables Available	No
Preloaded	Yes
Number of Rows	1
Number of Positions	2

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

--	--



Header Mating Direction	Horizontal
-------------------------	------------

Contact Features

Contact Termination Area Plating Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Socket
Stamped and Formed	Yes
Contact Mating Area Plating Thickness	3 μm[118 μin]
Contact Layout	Inline
Contact Termination Area Plating Thickness	3 μm[118.11 μin]
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	4 A

Termination Features

Tool-less Wire Termination	Yes
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
Mating Retention	Without
Mounting Angle	Right Angle
PCB Mount Alignment	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	White
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Accepts Wire Insulation Diameter Range	2.1 mm[.083 in]
Width	7.9 mm[.311 in]
Length	10.5 mm[.413 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Post-Mating Assembly Measurement	10.5 mm[.413 in]
Connector Height	3.9 mm[.154 in]



Wire Size	18 – 22 AWG
-----------	-------------

Usage Conditions

UV Exposure Rated	No
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

SMT Compatible	No
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without
--------------------------------	---------

Industry Standards

Agency/Standard Number	C22.2 No. 182.3-M1987, UL 1977
UL File Number	E28476
Agency/Standard	CSA, UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	SMT Pocket Tape
------------------	-----------------

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 2021 (211) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
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 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

TE Part # CAT-B8519-P7565
BUCHANAN WIREMATE POKE-IN

TE Part # 2324697-3
PUSH GRIP CONNECTOR 3P

TE Part # 3-2834245-1
3P, FLEX GRIP WIRE CONNECTOR

Customers Also Bought

TE Part #1-640457-3
Polyester Right Angle PCB Header:
2.54mm, Unshrouded, MTA 100

TE Part #1658862-1
SFP+ Stacked Cage Assemblies

TE Part #1217127-1
250 FASTON,PCB TAB,TPBR

TE Part #1-2106431-2
Connector, SMT-IDC PASS THRU, 2
POS, 20

TE Part #1676169-2
RN 0805 124R 0.1% 10PPM 1KRL

TE Part #1-2176158-3
Metal Chip Resistor: Current Sense

TE Part #1-1879276-6
RP 2A 6K34 0.1% 15PPM CUT LENGTH

TE Part #8-1676914-4
YR1 0.1% 681K



Documents

CAD Files

Customer View Model

ENG_CVM_2008106-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_2008106-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_2008106-1_A.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SMT_AND_THRU-HOLE_POKE-IN_WIRE_LIGHTING_CONNECTORS

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English