2057021-1 ✓ ACTIVE

TE Internal #: 2057021-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, Internal /External EMI Springs, SFP+, Not Optional, 1 x 1, Through Hole - Solder, 1 Port

View on TE.com >

Pluggable I/O Product Type: **Cage**

Data Rate (Max):   **16 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **SFP+**

Lightpipe Options: **Not Optional**

Features

Product Type Features

Form Factor	SFP+
Cage Type	Single
Pluggable I/O Product Type	Cage
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 1
Number of Ports	1

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Contact Features

Tail Plating Material	Tin

Termination Features

Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

2057021-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs,
SFP+, Not Optional, 1 x 1, Through Hole - Solder, 1 Port

Connector Mounting Type	Board Mount

Housing Features

Cage Material	Nickel Silver

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Heat Sink Compatible	No
For Use With Pluggable I/O Products	SFP+ SMT Connector
Pluggable I/O Applications	SFP+

Packaging Features

Packaging Method	Box & Tray, Tray

Other

EMI Containment Feature Type	Internal/External EMI Springs

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 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

2057021-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs,
SFP+, Not Optional, 1 x 1, Through Hole - Solder, 1 Port

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 # CAT-C11-H50626
SFP+ to SFP+ I/O Cable Assembly: 30 AWG

TE Part # CAT-C11-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG

TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG

TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG

TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG

TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG

TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly: 26 AWG

TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG

TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG

TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG

TE Part # CAT-C11-H5
SFP+ to SFP+ I/O Cable Assembly: 24 AWG

TE Part # CAT-C11-H506
SFP+ to SFP+ I/O Cable Assembly: 26 AWG

TE Part # CAT-C11-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 AWG

TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M, 32AWG

TE Part # 2057500-1
Light Pipe, Ganged SFP+

TE Part # 2142970-1
CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M

2057021-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs,
SFP+, Not Optional, 1 x 1, Through Hole - Solder, 1 Port

TE Part # 2142970-2
CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M

TE Part # 2142970-3
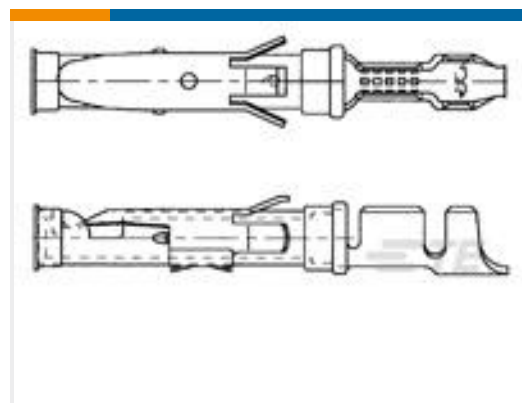CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M

TE Part # 2142970-4
CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M

TE Part # 2142970-5
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M

Customers Also Bought
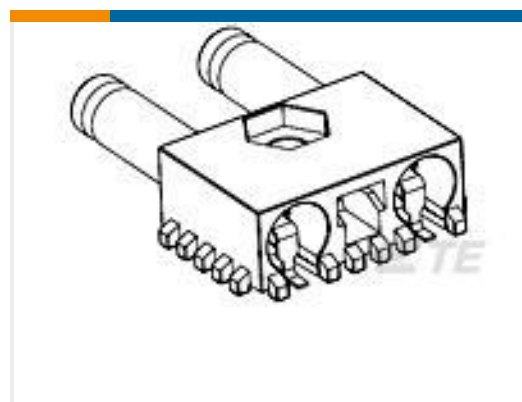
TE Part #163087-1
.062 DIA SOC.ASS.3+

TE Part #2282268-1
10POS,NANOMQS,REC HSG,CODA

TE Part #2834313-2
4.0PITCH ITB CONN_2P_WO CAP_NATURAL

TE Part #2109197-1
025/060/250 HYB LIF 41P CAP AS

TE Part #619400-1
1.0-2.3 Jack 2 posn Siemax, S
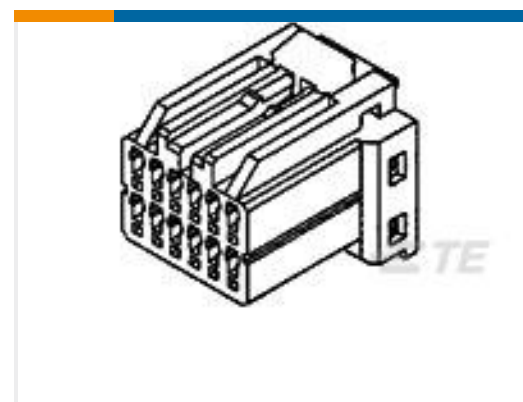
TE Part #826652-3
3P AMPMODU II STIFT LEI

TE Part #2005510-2
SQUIB AK2 PLUG HSG1

TE Part #4-520935-2
PL 250 HOUSING REC RED

TE Part #6-5177986-1
0.8FH,P06H.5,040,30/Sn,TR,SC

TE Part #175964-1
I/O PLUG ASSY .040 8P

Documents

Product Drawings
SFP+ 1x1 Cage Assy, Short Solder Tail

English

CAD Files
Customer View Model
ENG_CVM_CVM_2057021-1_B.2d_dxf.zip

English

3D PDF

2057021-1

SFP, SFP+ & zSFP+, Cage, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+, Not Optional, 1 x 1, Through Hole - Solder, 1 Port

3D

Customer View Model

ENG_CVM_CVM_2057021-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2057021-1_B.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

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English