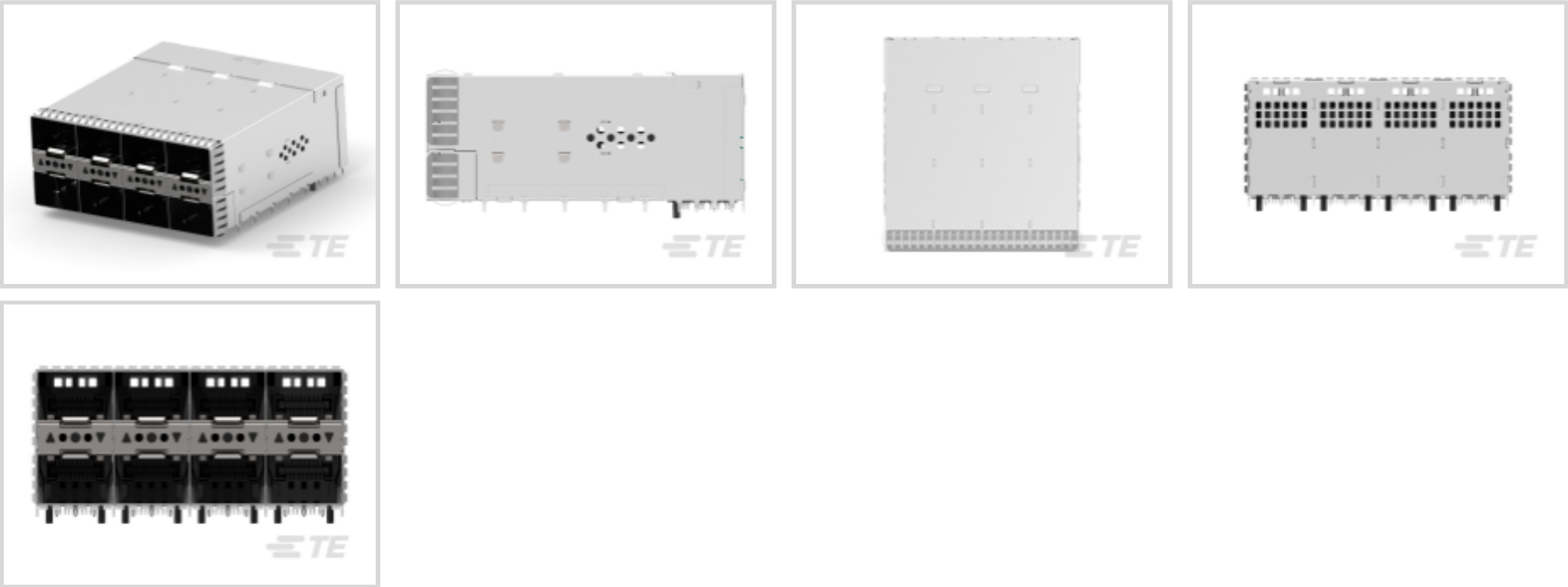




Connectors > High Speed Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.8 mm [.031 in]**

Sealable: **No**

Circuit Application: **Signal**

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

Features

Product Type Features

Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	No
Form Factor	zSFP+ Stacked (SFP28)

Configuration Features

Lightpipe Style	Standard
Number of Positions	160
Number of Ports	8
Port Matrix Configuration	2 x 4

Electrical Characteristics

Data Rate (Max)	32 Gb/s
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Contact Features

Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel



Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin]

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	1.8 mm[.07 in]

Housing Features

Cage Material	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.031 in]

Dimensions

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

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

Pluggable I/O Applications	zSFP+ Thermally Enhanced
Heat Sink Compatible	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Other

Included Lightpipe	No
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JUNE 2025 (250)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 # 2821224-2 SFP28 DIRECT ATTACH CA, 1.5M, 26AWG	 TE Part # 2821223-3 SFP28 DIRECT ATTACH CA, 1.5M, 28AWG	 TE Part # 4-2334878-6 QSFP TO [4]SFP 56GIG 26AWG 3 METER	 TE Part # 4-2334878-4 QSFP TO [4]SFP 56GIG 26AWG 2 METER
 TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG	 TE Part # 2821224-3 SFP28 DIRECT ATTACH CA, 2M, 26AWG	 TE Part # 2821223-2 SFP28 DIRECT ATTACH CA, 1M, 28AWG	 TE Part # 2821224-1 SFP28 DIRECT ATTACH CA, 1M, 26AWG
 TE Part # 2821223-1 SFP28 DIRECT ATTACH CA, 0.5M, 28AWG	 TE Part # 2821222-3 SFP28 DIRECT ATTACH CA, 1M, 30AWG	 TE Part # 2821224-8 SFP28 DIRECT ATTACH CA, 5M, 26AWG	 TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG





TE Part # 2334236-2
QSFP TO [4]SFP+, 28G, 30AWG, 1
METER



TE Part # 2334236-4
QSFP TO [4]SFP 25GIG 30AWG 2
METER



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



TE Part # 2334236-6
QSFP TO [4]SFP25GIG 30AWG 3
METER



TE Part # 2334878-8
QSFP TO [4]SFP 25GIG 26AWG 4
METER



TE Part # 4-2334236-2
QSFP TO [4]SFP 56GIG 30AWG 1
METER



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



TE Part # 4-2334236-4
QSFP TO [4]SFP 56GIG 30AWG 2
METER

Customers Also Bought



TE Part #2007741-1
IMP100S,R,RA6P10C,UG,39



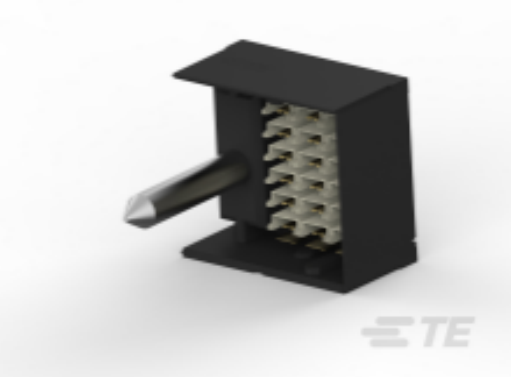
TE Part #2007818-3
IMP100S,H,V4P10C,UG,DEW46,5.5



TE Part #2132623-2
IMP100O,HMP,V4P8C,UG,DEW46,5.5



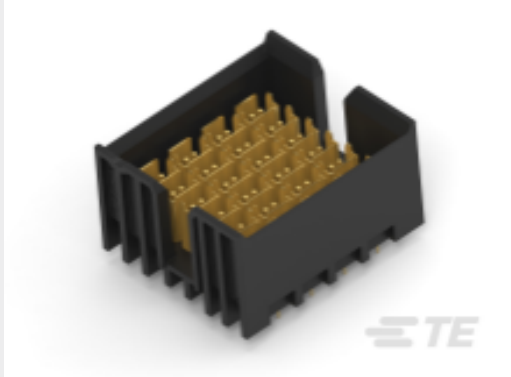
TE Part #2149984-3
IMP100S,H,V4P6C,UG,DEW46,5.5



TE Part #2187606-1
SW PIR HDR RMP, 85OHM, 6X3IG
DEW



TE Part #2274853-1
SW RA RCP ASM, 4P, 6C, 85O, PIC



TE Part #2274854-1
SW HDR ASM, 4P, 6C, 85O, PIC



TE Part #6469028-1
HM-ZD 2PR RECP 40P

TE Part #2342933-4
QSFP-DD 1X1, STANDARD, W/
EXTRUDED HS

TE Part #2-2381578-9
MCIO INTERGRATED CONN, V/T,
16X, SMT TYPE

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2180324-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2180324-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2180324-2_A.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