

6367198-1 ✓ ACTIVE

Z-DOK | Z-DOK+

TE Internal #: 6367198-1

Docking Connectors, Plug, Cable-to-Board, 120 Position, 2.54 mm [.1 in] Centerline, 6 Row, 120 Signal Positions, 0 Power Positions, Z-DOK+

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Connectors > Dock Connectors & Guide Hardware > Docking Connectors



Docking Connector Style: **Plug**

Connector System: **Cable-to-Board**

Number of Positions: **120**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Rows: **6**

Features

Product Type Features

Grounding Options	PCB Ground
Ground Component Type	Signal Ground Contacts
Docking Connector Style	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Pairs	40
Number of Positions	120
Number of Rows	6
Number of Signal Positions	120
Number of Power Positions	0
PCB Mount Orientation	Right Angle

Body Features

Ground Plate Plating Material	Tin over Nickel
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Contact Features

Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
Contact Mating Area Plating Material	Gold



Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Number of Utility Contacts	0
Contact Current Rating (Max)	.5 A

Termination Features

Termination Post & Tail Length	3.1 mm[.122 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	ESD Boardlock
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester
Housing Color	Natural
Centerline (Pitch)	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	7
Packaging Method	Package

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 2022 (224) Candidate List Declared Against: JUL 2019 (201)

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 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>

Also in the Series | **Z-DOK+**

Docking Connectors(26)

Documents

Product Drawings

[Z-DOK PLUG ASSY 40 DIFF PAIR L](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_6367198-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_6367198-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_6367198-1_A.3d_stp.zip](#)



English

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[Product Specifications](#)

[Application Specification](#)

English