



Connectors > Modular Jacks & Plugs > Combo Jacks



Port Matrix Configuration: **2 x 1**

Port Configuration: **Single Port**

Modular Jack & Plug Interface Type: **RJ45 over Dual USB**

Connector Profile: **Low**

Status Indicator Type: **LED**

Features

Product Type Features

Connectors & Connector Components Type	Connector
Modular Jack & Plug Interface Type	RJ45 over Dual USB
Modular Jacks & Plugs Products	Combo Jacks
Modular Connector Style	Jack
Grounding Options	PCB Ground
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	4
Multiple Port Configuration	Stacked
Port Matrix Configuration	2 x 1
Port Configuration	Single Port
Status Indicator Type	LED
Connector Contact Density	Standard
PCB Mount Orientation	Right Angle
Number of Positions	4, 8
Number of Loaded Positions	4, 8

Signal Characteristics

Data Rate	10 Mb/s
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Body Features

LED Color (Top Left)	Green
LED Color (Top Right)	None
LED Color (Bottom Left)	Green
LED Color (Bottom Right)	None
Grounding Tab Plating Material	Tin over Copper
Shell Plating Material	Nickel
Connector Profile	Low
Modular Jack Latch Orientation	Inverted - Latch Up
Shield Material	Copper Zinc Alloy
Shield Plating Material	Tin

Contact Features

RJ45 Contact Mating Area Plating Thickness	1.27 over 1.27 μm [50 over 50 μin]
Number of RJ45 Contacts Loaded	8
RJ22 Contact Mating Area Plating Material	Gold over Nickel
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Centerline (Pitch)	1.02 mm, 2.01 mm, 2.5 mm[.04 in][.07 in][.09 in]

Dimensions

	1.135 in
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 3

Packaging Features

Packaging Quantity	36
Packaging Method	Tray

Other

Comment	Green over green LED
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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) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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.

Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_6116151-4_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_6116151-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_6116151-4_B.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English