



Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies



Cable Assembly Type: INDUSTRIAL MINI I/O Pigtail

Cable Assembly (End A): INDUSTRIAL MINI I/O Plug

Wire Size: .129 mm²

Outside Cable Diameter: 6.2 mm [.244 in]

Features

Product Type Features

Latching Style	Slide Latch
Cable Assembly Category	Industry Standard
Cable Assembly Type	INDUSTRIAL MINI I/O Pigtail
Cable Assembly (End A)	INDUSTRIAL MINI I/O Plug
Cable Style	Twisted Pair

Configuration Features

Number of Positions	8
Number of Signal Positions	8

Electrical Characteristics

Impedance	100 Ω
-----------	-------

Signal Characteristics

Data Rate	1 Gb/s
-----------	--------

Body Features

Jacket Material	PUR
Shield Material	Copper Alloy
Cable Color	Black
Cable Flammability Rating	UL 444
Equalized	No

Contact Features



Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	19.68 µm[.5 µin]

Housing Features

Housing Material	Thermoplastic
------------------	---------------

Dimensions

Wire Size	.129 mm²
Outside Cable Diameter	6.2 mm[.244 in]

Operation/Application

Shielded	Yes
Halogen Free	Yes

Industry Standards

Performance Category	Cat 5e
----------------------	--------

Other

Cable Assembly Configuration	Single Ended
Cable Assembly Length	5 m[16.4 ft]

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 # 1-2201864-1
MINI I/O REC KIT TYPE II L



TE Part # 2201864-1
MINI I/O REC KIT TYPE I L



TE Part # 2229737-2
MINI I/O PIERCING TYPE HAND TOOL

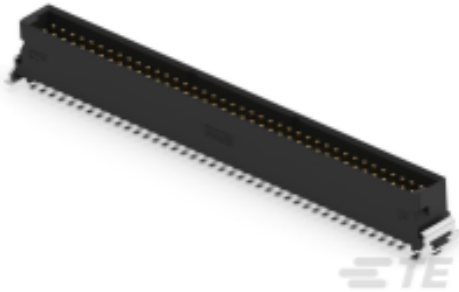


TE Part # 1-2201855-2
MINI I/O PLUG KIT TYPE II M

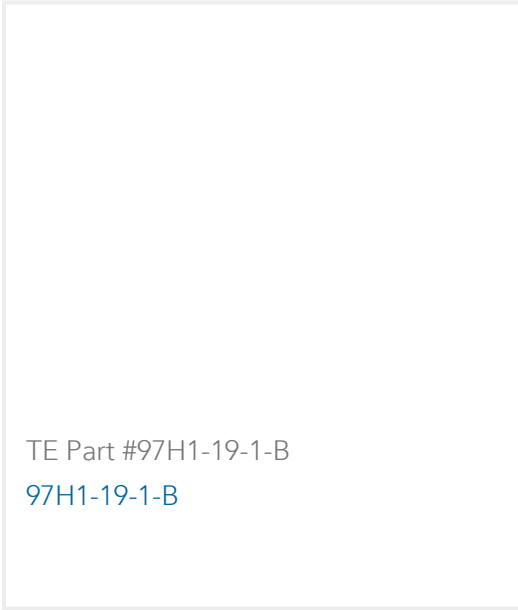


TE Part # 2201855-2
MINI I/O PLUG KIT TYPE I M

Customers Also Bought



TE Part #244840-E
SMCQ 80 M AB VV 8-13 CL * H007 137 E005



TE Part #97H1-19-1-B
97H1-19-1-B



TE Part #167292-1
09P.HDP20 PLUG ASSY



TE Part #167293-1
15P.HDP20 PLUG ASSY



TE Part #1-178294-3
DYNAMIC D3100 HDR ASY 4P H K/X PdNI &Au



TE Part #292303-1
Std USB Type A, R/A, T/H



TE Part #1-1318119-4
DYNAMIC D-2100 REC HSG 8P



TE Part #6-1393243-8
RT424024



Documents

Product Drawings
CA MINI IO TYPE I PIGTAIL
English

Product Specifications
Application Specification
English