



Connectors > D-Shaped Connectors



Number of Positions: 51
Connector & Housing Type: Plug
Connector System: Wire-to-Board
Connector Mounting Type: Board Mount
Centerline (Pitch): 1.27 mm [.05 in]

Features

Product Type Features

Compatible With Discrete Wire Type	Solid
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	51

Body Features

Shell Plating Material	Electroless Nickel
Flying Leads Length	2.77 mm[.109 in]

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Beryllium Copper
Contact Type	Pin
Contact Current Rating (Max)	3 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Method to Wire & Cable	Preterminated Flying Leads
Mechanical Attachment	
Connector Mounting Type	Board Mount
Mounting Hardware	Jackpost Assembly
Housing Features	
Centerline (Pitch)	1.27 mm[.05 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 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) SVHC > Threshold: Pb (30% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed 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 # 1532177-5
M83513/04-G09N, MCKS-N1-B-51S6Q1-18.0



TE Part # 1532177-8
M83513/04-G12N, MCKS-N1-B-51S6Q9-36.0



TE Part # 1532177-7
M83513/04-G11N, MCKS-N1-B-51S6Q9-18.0



TE Part # 1532207-2
M83513/02-GC, MCKS-C2-B-51SS



TE Part # 1532177-9
M83513/04-G13N, MCKS-N1-B-51S6G1-72.0



TE Part # 1532178-1
M83513/04-H01N, MCKS-N1-B-100S6G1-18.0



TE Part # 1-1532177-2
M83513/04-G16N, MCKS-N1-B-51S6Q9-72.0



TE Part # 1-1532177-1
M83513/04-G15N, MCKS-N1-B-51S6Q1-72.0



TE Part # 1532177-3
M83513/04-G03N, MCKS-N1-B-51S6G9-18.0



TE Part # 1532177-4
M83513/04-G04N, MCKS-N1-B-51S6G9-36.0



TE Part # 1-1532178-0
M83513/04-H14N, MCKS-N1-B-100S6G9-72.0

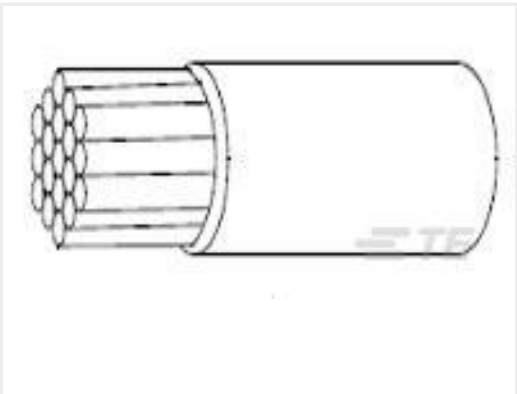


TE Part # 1532177-6
M83513/04-G10N, MCKS-N1-B-51S6Q1-36.0



TE Part # 1532177-2
M83513/04-G02N, MCKS-N1-B-51S6G1-36.0

Customers Also Bought



TE Part #216368-001
[22759/33-26-9](#)



TE Part #NB16622001
[RW-175-3/64-X-STK](#)



TE Part #8-52929-1
[PIDG SP SPD 22-16COMM22-18MIL6](#)



TE Part #164161-3
[M-SRS.PIN BODY 3+](#)



TE Part #796439-2
[RECPT HSG,CPC,17-9,REV SEX](#)



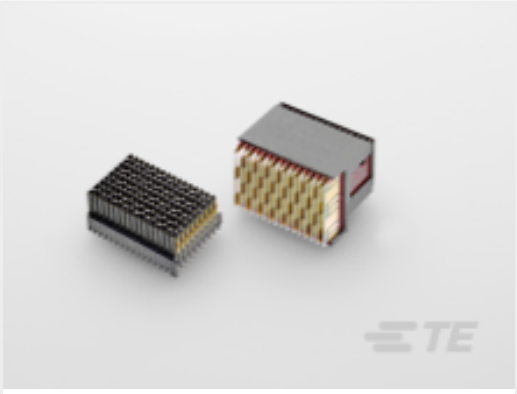
TE Part #796449-1
[PLUG ASSY,CPC,17-14,REV SEX](#)



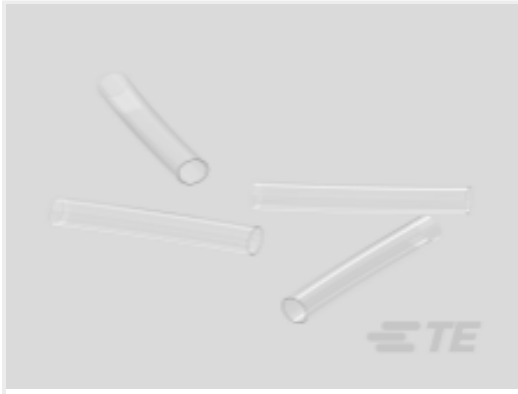
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[M83513/02-GN, MCKS-N1-B-51SS](#)



TE Part #1532215-1
[M83513/01-GN, MCKS-N1-B-51PS](#)



TE Part #2302791-1
[VERTRECASSY,CENTER,RTM, MULTIGIG RT3](#)



TE Part #NB16572001
[RW-175-3/32-X-STK](#)

Documents

Product Drawings

[M83513/11-G01NP = MCKS-N1-P-51PRT1](#)

English