

**AMPLIMITE**

TE Internal #: 205563-2

50 Position D-Shaped Connector, Receptacle, Cable-to-Cable,
Panel Mount, Shell Size 5, 2.77 mm [.109 in] Centerline, Wire &
Cable, Signal

[View on TE.com >](#)

Connectors > D-Shaped Connectors

Number of Positions: **50**Connector & Housing Type: **Receptacle**Connector System: **Cable-to-Cable**Connector Mounting Type: **Panel Mount**Connector Shell Size: **5****Features****Product Type Features**

Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
Connector Shell Size	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Power/Signal/Coax Combination	No

Body Features

Front Shell Material	Steel
Mating Retention Feature Material	Stainless Steel
Rear Shell Plating Material	Cadmium
Rear Shell Material	Steel
Front Shell Plating Material	Cadmium

Contact Features

	50 μ in
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Leaded Nickel Copper



Contact Type	Socket
Contact Size	Size 20
Contact Current Rating (Max)	7.5 A
Contact Options	Supplied – Uninstalled

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Panel Mount
Mating Alignment	Without

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Package
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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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cd (100% in 5115185546) Pb (1.2% in 74021991)</p> <p>Article Safe Usage Statements: Use personal protective equipment as required. 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.</p>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

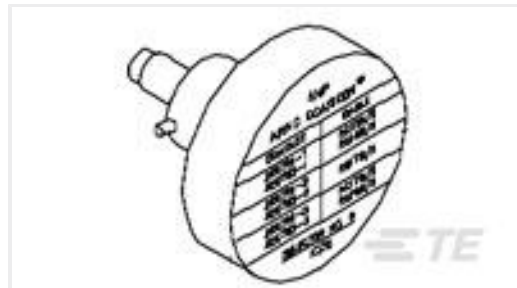
Product Compliance Disclaimer

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

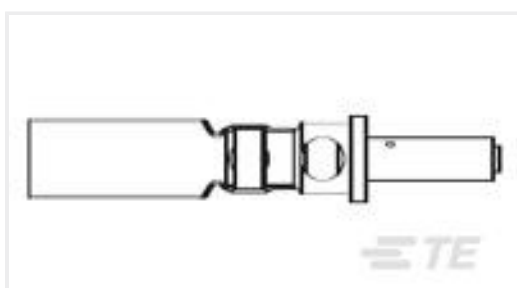


TE Part # 601966-1
 CRIMPING TOOL M22520/2-01

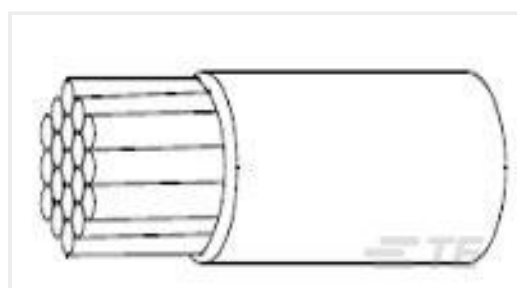


TE Part # 601966-5
 K13-1 POSITIONER

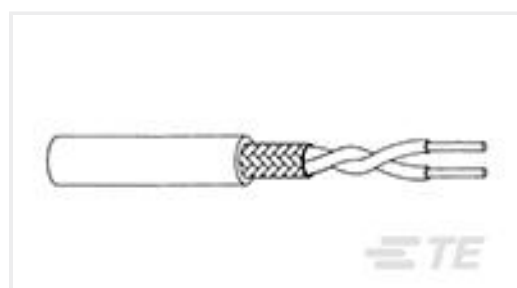
Customers Also Bought



TE Part #165805-000
 D-602-0144



TE Part #216127-000
 55A0111-10-9



TE Part #CA1446-000
 2024D1314-0



TE Part #205564-2
 AMPLIMITE,ASY,PLUG,STD,109,5



TE Part #228635-1
 SMA PLUG W/O CENTER CONT



TE Part #277164-1
 SPLICE,SEALED COPALUM 4AL 8CU



TE Part #1623719-6
 CCR1 1K0 10%



TE Part #CAT-C339-H85913
 Power Resistors: Aluminum Housed, HSA



Documents

Product Drawings

[RECEPT ASSY,50 POSN,AMPLIMITE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_205563-2_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_205563-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_205563-2_J.3d_stp.zip](#)

English

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