

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5600230550**  
**Status:** **Active**  
**Overview:** Mini50 Connection Systems  
**Description:** CTX50 Receptacle Terminal, Unsealed, Gold Plating, L-Grip, B-Wind, RightPayoff

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification 313025040-000 (PDF)</a> |
| <a href="#">Product Specification PS-560023-001-001 (PDF)</a>        | <a href="#">Test Summary TS-560023-001-001 (PDF)</a>        |
| <a href="#">Application Specification AS-560023-001-001 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Application Specification AS-560023-001-CH-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                    |
| <a href="#">Application Specification AS-560023-001-FR-001 (PDF)</a> |   |

**General**

|                         |                                  |
|-------------------------|----------------------------------|
| Product Family          | Crimp Terminals                  |
| Series                  | 560023                           |
| Application             | Power, Wire-to-Board             |
| Crimp Quality Equipment | Yes                              |
| Overview                | <u>Mini50 Connection Systems</u> |
| Product Name            | CTX50                            |
| UPC                     | 889056778329                     |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Gender                       | Female               |
| Grip Code                    | L                    |
| Material - Metal             | Copper Alloy         |
| Material - Plating Mating    | Gold                 |
| Net Weight                   | 0.079/g              |
| Packaging Type               | Reel                 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | 1.10-1.40mm          |
| Wire Size AWG                | N/A                  |
| Wire Size mm <sup>2</sup>    | 0.35                 |

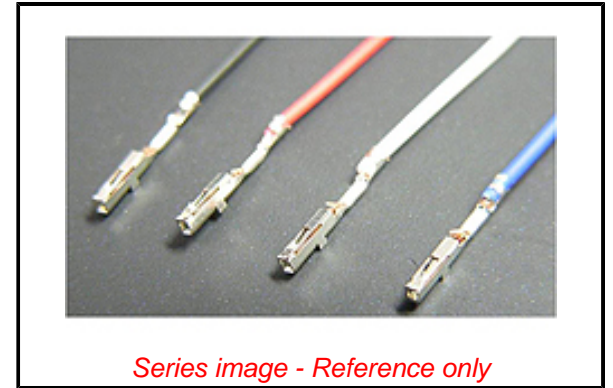
**Electrical**

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 5.0A   |
| Voltage - Maximum             | 14V DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | AS-560023-001-001, AS-560023-001-CH-001, AS-560023-001-FR-001 |
| Packaging Specification   | 313025040-000   |
| Product Specification     | PS-560023-001-001   |
| Sales Drawing             | SD-560023-002-000   |
| Test Summary              | TS-560023-001-001   |



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
di-n-pentyl phthalate  
(DPP)  
perfluorooctanoic acid  
decamethylcyclopentasiloxane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
diisopentylphthalate  
1,2-diethoxyethane  
dibutyltin dichloride  
1,3-propanesultone  
ammoniumpentadecafluorooctanoate  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
diisohexyl phthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
n-pentyl-  
isopentylphthalate  
Boric acid  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi

**China RoHS**

Pyrene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Methylhexahydrophthalic  
anhydride  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Lead sulfochromate  
yellow  
strontium chromate  
bis(2-methoxyethyl)  
ether  
pentazinc chromate  
octahydroxide  
1,2-dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
bis(pentabromophenyl)  
ether  
cadmium oxide (non-  
pyrophoric)  
cadmium sulphide  
orange lead  
lead  
cadmium  
lead dinitrate  
lead oxide sulfate  
pentalead tetraoxide  
sulphate  
dioxobis(stearato)trilead  
Lead titanium  
zirconium oxide  
lead cyanamidate  
Sulfurous acid, lead  
salt, dibasic  
[phthalato(2-)]dioxotrilead  
benzo[a]pyrene  
4-aminoazobenzene  
dihexyl phthalate  
(DnHP)  
ethylene thiourea

**Halogen-Free**

**Status**

**Not Relevant**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Not Relevant  |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[560023](#) Series

**Use With**

Mini50 Unsealed Single Row Receptacle  
[34791](#) , Mini50 Unsealed Dual Row  
Receptacle [34824](#)

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| <b>Description</b>   | <b>Product #</b> |
|--|------------------|
| Hand Crimp<br>Tool for CTX50<br>Unsealed Receptacle<br>Terminals | <u>638282000</u> |

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