

TE Internal #: AGC175N00001215000

Standard Circular Connectors, Cable-to-Panel, Signal, Panel Mount, Blue Chromium, Zinc Alloy, PBT, Size 23, Shielded, Receptacle, 0° Alignment Keyed

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**

Sealable: **No**

Circuit Application: **Signal**

Connector Mounting Type: **Panel Mount**

Shell Plating Material: **Blue Chromium**

Features

Product Type Features

| | |
|-------------------------|--------------------|
| Product Type | Connector Assembly |
| Connector System | Cable-to-Panel |
| Sealable | No |
| Circular Connector Type | Receptacle |
| Shell Type | Metal |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 160 VAC |
|-------------------|---------|

Body Features

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|---|---------------|
| Environmental Protection | IP67 |
| Shell Plating Material | Blue Chromium |
| Shell Base Material | Zinc Alloy |
| Circular Connector Insulation Material Type | PBT |

Mechanical Attachment

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|-----------------------|----------------------------------|
| Mating Retention Type | Speedtec (Triple Start Threaded) |
|-----------------------|----------------------------------|



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|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
|--------------------------|----------------------------|

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|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

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|-------------------------------|----|
| Circular Connector Shell Size | 23 |
|-------------------------------|----|

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|-----------------|----|
| Alignment Keyed | 0° |
|-----------------|----|

Usage Conditions

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|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 130 °C[-4 – 266 °F] |
|-----------------------------|---------------------------|

Operation/Application

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|-------------------|------------|
| Durability Rating | 500 Cycles |
|-------------------|------------|

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|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

| | |
|----------|-----|
| Shielded | Yes |
|----------|-----|

Industry Standards

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|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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|--------------------|----|
| Approved Standards | UL |
|--------------------|----|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
|------------------------------|---------------------------|

| | |
|-----------------------------|---------------------------|
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
|-----------------------------|---------------------------|

| | |
|---|--------------------------------------|
| 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 2023 (235) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (3.5% in Component)</p> |
|--|--|

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 | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

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|---------------------------|--|
| 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 # ASA012N00390235000
623 PLUG



TE Part # ASA012N00410235000
623 PLUG



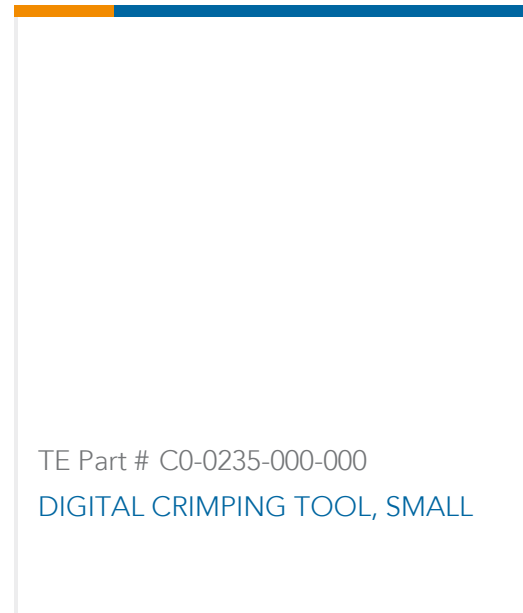
TE Part # ASA012N00620235000
623 PLUG



TE Part # ASA012N00730235000
623 PLUG



TE Part # C0-0101-000-000
CRIMPING TOOL SMALL WITH POSITIONER



TE Part # C0-0235-000-000
DIGITAL CRIMPING TOOL, SMALL

Customers Also Bought



TE Part # AGC110N00001215000
623 RECEPTACLE ANGLED ROTATABLE



TE Part # AGC175N00001200000
623 RECEPTACLE ANGLED ROTATABLE



TE Part # ASA012N00410235000
623 PLUG



TE Part # ASA012N00620235000
623 PLUG



TE Part # ASA013N00620235000
623 PLUG



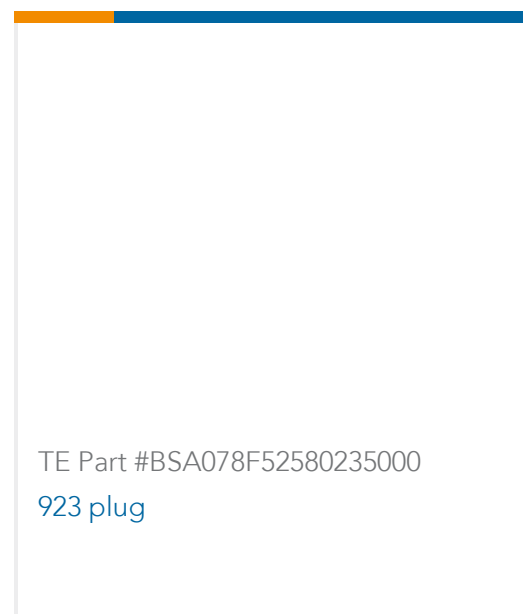
TE Part # ASA014N00620235000
623 PLUG



TE Part # BGC110N00001200000
923 RECEPTACLE, ANGLED, ROTATABLE



TE Part # BGC110N00001216000
923 RECEPTACLE, ANGLED, ROTATABLE



Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_AGC175N00001215000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_AGC175N00001215000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_AGC175N00001215000_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[fuer Datenblaetter, die online konfigurierbar sind](#)

German

[AGC175N00001215000](#)

English

Product Specifications

German