

ASTA046NN0087050A000

✓ ACTIVE

TE Internal #: ASA046N0087050A000  
12 Position Circular Connector, Cable-to-Cable, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF, 0 Power Positions  
[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 12  
Connector System: Cable-to-Cable  
Sealable: No  
Circuit Application: Signal  
Connector Mounting Type: Cable Mount (Free-Hanging)

Features

Product Type Features

Connector Product Type	Housing Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	12
Number of Power Positions	0
Number of Signal Positions	12
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	32 VDC
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Body Features

Environmental Protection	IP67
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Environmental Protection Type	Sealed
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT GF

Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
Panel Mount Feature Type	Screw Mount
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With

Housing Features

Circular Connector Shell Size	17
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Dimensions

Cable Diameter Range	3.5 – 6 mm[.14 – .23 in]
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Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	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	Current ECHA Candidate List: JAN 2025 (247)



Candidate List Declared Against: JUNE  
2024 (241)  
SVHC > Threshold:  
Pb (3.5% in Component)


**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
Solder Process Capability	Not reviewed for solder process capability

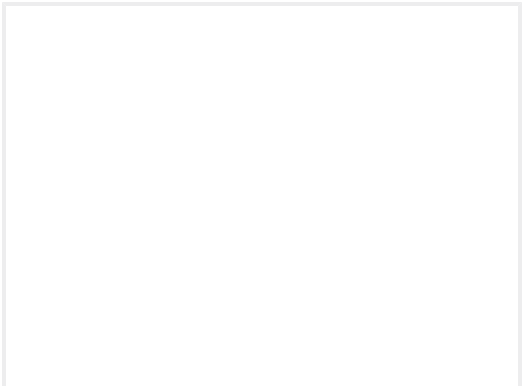
Product Compliance Disclaimer

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



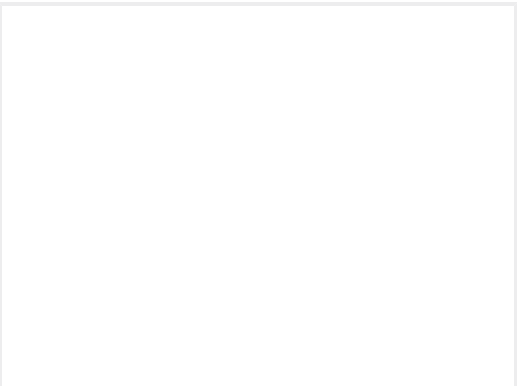
TE Part # 50-0087-000-P00  
617/917 CABLE CLAMP, CROWN




TE Part # C0-0235-000-P00  
DIGITAL CRIMPING TOOL, SMALL



TE Part # AKA047N0087058A000  
617 EXTENSION, SPEEDTEC



TE Part # C0-0101-000-P00  
CRIMPING TOOL SMALL WITH  
POSITIONER



TE Part # AKA047N0087051A000  
617 EXTENSION, SPEEDTEC

Customers Also Bought





TE Part #BKA186N00420200038  
923EXTENSION,DELIVERY AS  
INDIVIDUAL PART



TE Part #BSA085N00420235047  
923 PLUG, DELIVERY AS INDIVIDUAL  
PARTS



TE Part #61-0021-011-P00  
CONTACT PIN 2 MM



TE Part #60-0001-011-P00  
CONTACT SOCKET 1 MM



TE Part #ASA021N00390100000  
623 PLUG, SPEEDTEC



TE Part #60-0003-011-P00  
CONTACT SOCKET 2 MM



TE Part #60-0199-080-P00  
BANDOLEER CONTACT SOCKET  
1MM,7000PCS ROL



TE Part #E0-0171-000-P00  
923 PLASTIC FLANGE, HINGED



TE Part #60-0334-0B2-P00  
CONTACT SOCKET 1 MM



TE Part #60-0023-011-P00  
CONTACT SOCKET 2 MM

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_ASA046N0087050A000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_ASA046N0087050A000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_ASA046N0087050A000\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

ASA046N0087050A000

English

617 Stecker 12-polig ASTA046NN0087050A000 DE-EN Kuka

German



fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German