

ASL106-05SA-HE

✓ ACTIVE

DEUTSCH | DEUTSCH ASL

TE Internal #: ASL106-05SA-HE

5 Position Circular Connector, Wire-to-Wire, Black Zinc, Aluminum Alloy, A Code, Hard Dielectric/Silicone, 6 Shell Size, Receptacle, DEUTSCH ASL

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Wire**  
Number of Positions: **5**  
Shell Plating Material: **Black Zinc**  
Shell Base Material: **Aluminum Alloy**  
Polarization Code: **A**

Features

Product Type Features

Assembly Type	Electrical Connector
Connector Product Type	Connector Assembly
Connector System	Wire-to-Wire
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Factory Installed Backshell	No
Number of Positions	5
Contacts Preloaded	No

Body Features

Environmental Protection Type	Sealed
Feedthrough Type	No
Entry Style	Rear Insertion
Environmental Protection	With
Shell Plating Material	Black Zinc
Shell Base Material	Aluminum Alloy
Circular Connector Insulation Material Type	Hard Dielectric/Silicone



Hermetically Sealed

No

Contact Features

Contact Layout Arrangement	6 – 5
Circular Connector Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Bayonet Peg
Mating Alignment	With
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	6
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Dimensions

Assembly Length	18.75 mm
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Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	7
Fluid Resistance	Immersion
Operating Temperature Range	-55 – 170 °C[-67 – 338 °F]

Operation/Application

Durability Rating	500 Cycles
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Other

Field Serviceable	Yes
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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: JAN 2025 (247)



SVHC > Threshold:

Pb (1.2% in Contact)

Pb (.4% in Shell)

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

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 245°C

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 # ZPF0000000000000867  
[PINCE AFM-8](#)

Also in the Series | [DEUTSCH ASL](#)

[Standard Circular Connectors\(58\)](#)

Customers Also Bought



TE Part #AS110-35SN  
RECEPT.CABLE COUP.TYPE 1



TE Part #AS610-35PN  
PLUG BOOT TERMINN TYPE 6



TE Part #ASL106-05SN-HE  
RECEPT.ASSY. IN-LINE.AS MICRO MK3



TE Part #ASL106-05PB-HE  
RECEPT.ASSY. IN-LINE.AS MICRO MK3



TE Part #AS612-35PN  
PLUG BOOT TERMINN TYPE 6



TE Part #ASL606-05PD-HE  
PLUG ASSY. AS MICRO MK3.



TE Part #ASL606-05PA-HE  
PLUG ASSY. AS MICRO MK3.



TE Part #ASL106-05SB-HE  
RECEPT.ASSY. IN-LINE.AS MICRO MK3



TE Part #ASL606-05PN-HE  
PLUG ASSY. AS MICRO MK3.



TE Part #ASL606-05SN-HE  
PLUG ASSY. AS MICRO MK3.

Documents

Product Drawings

RECEPT.ASSY. IN-LINE.AS MICRO MK3

English

Datasheets & Catalog Pages

DEUTSCH Autosport Interconnection Solutions

English

AS Micro Xtra Lite HE

English