

2312112-1 ✓ ACTIVE

TE Internal #: 2312112-1

Receptacle, Cable-to-Cable / Cable-to-Board, 12 Position, 1.8 mm

Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), -40 – 105 °C

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: **Receptacle**

Mating Tab Width: **.5 mm**

Connector System: **Cable-to-Board, Cable-to-Cable**

Number of Positions: **12**

Centerline (Pitch): **1.8 mm**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board, Cable-to-Cable
Sealable	No
Hybrid Connector	No
Primary Locking Feature	Locking Lance
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
------------------------------	------

Body Features

Primary Product Color	Black
-----------------------	-------



Connector & Keying Code	A
-------------------------	---

Contact Features

Contact Size	.4mm, .5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm
Contact Current Rating (Max)	3 A

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF10
Centerline (Pitch)	1.8 mm

Usage Conditions

Operating Temperature (Max)	105 °C
Operating Temperature Range	-40 – 105 °C

Operation/Application

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

Other

Connector Position Assurance Capable	Yes
--------------------------------------	-----

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



TE Part # 2317509-1
2X7POS,NANOMQS,HDR ASSY,
90DEG,SMD,COD A



TE Part # 2317529-1
2X7POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A

Customers Also Bought



TE Part # AS022-55PN
RECEPT. 2 HOLE MNTG. TYPE 0




TE Part # AS024-35PA
RECEPT. 2 HOLE MNT. TYPE 0




TE Part # AS118-35PN
RECEPT.CABLE COUP. TYPE 1




TE Part # AS616-26SB
PLUG.BOOT TERMIN'N TYPE 6



TE Part # AS020-16PA
RECEPT.2 HOLE MNT.TYPE 0



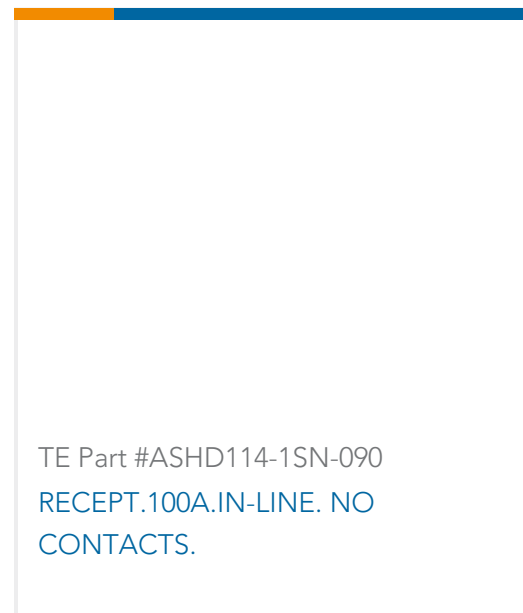
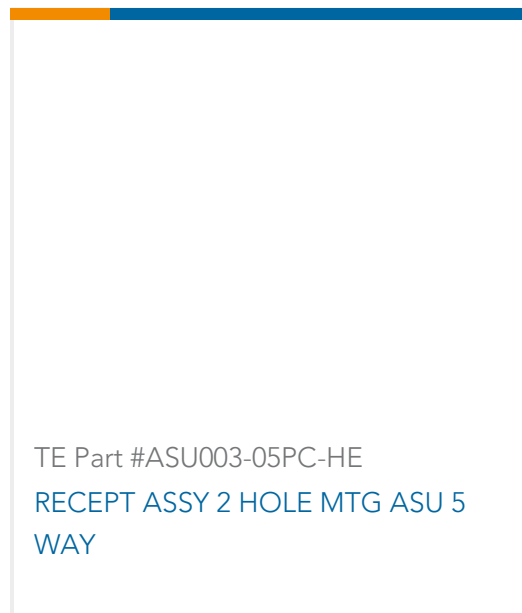
TE Part # AS116-35PD
RECEPT.CABLE COUP.TYPE 1



TE Part # AS116-35SD
RECEPT.CABLE COUP.TYPE 1



TE Part # AS118-35PB
RECEPT.CABLE COUP. TYPE 1



Documents

Product Drawings

12POS,NANOMQS,REC HSG ASSY,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2312112-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2312112-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2312112-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English