

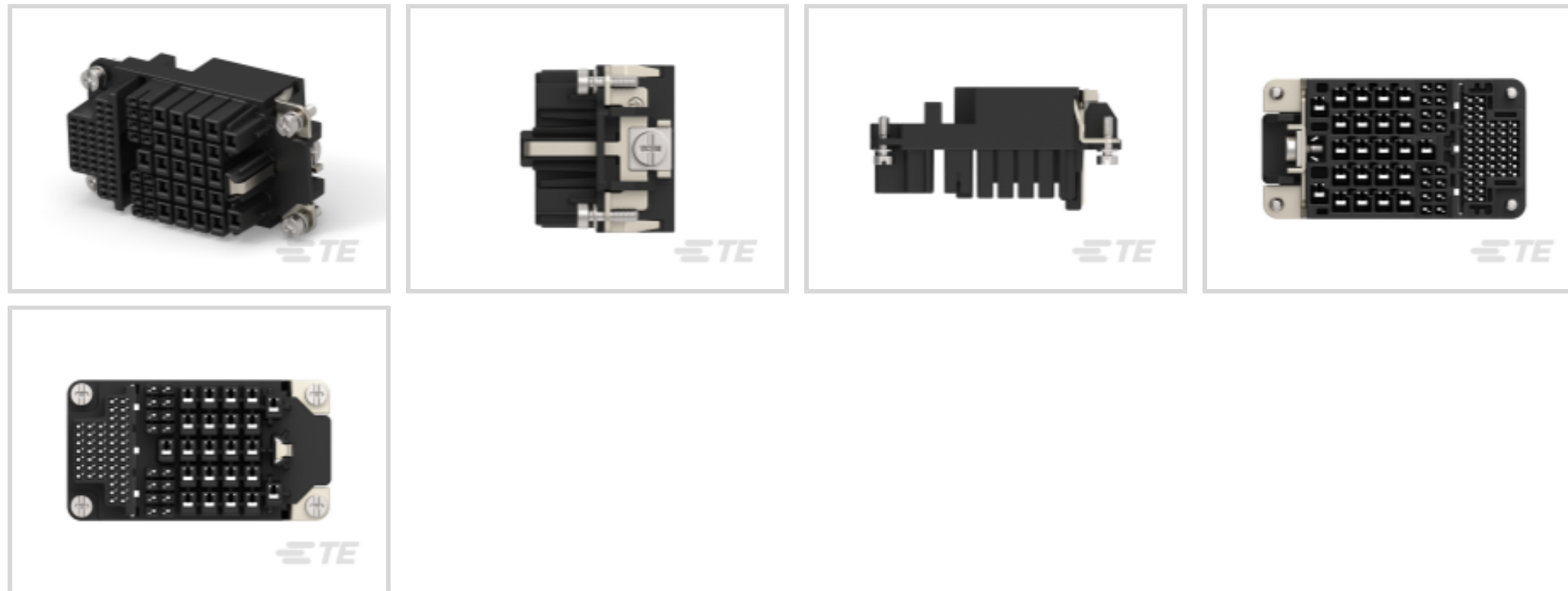


TE Internal #: T2120865201-000

Rectangular Contact Inserts, Socket, Receptacle, Crimp, Cable-to-Cable / Cable-to-Panel, 86 Position, Sealable, Wire & Cable, 30 – 14 AWG Wire Size

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Contact Inserts



Rectangular Connector Insert Type: **Socket**

Contact Type: **Receptacle**

Termination Method to Wire & Cable: **Crimp**

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

Number of Positions: **86**

Features

Product Type Features

Product Type	Contact Insert
Kit Type	Connector Kit
Rectangular Connector Insert Type	Socket
Connector System	Cable-to-Cable, Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	86
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Electrical Characteristics

Current Rating	11 A
Signal Circuit Current	2.2 A
Power Circuit Current	11 A
Power Circuit Voltage	300 V, 400 V
Signal Circuit Voltage	32 V



Body Features

Material	PBT
Insert Type	Socket
Color	Black

Contact Features

Contact Type	Receptacle
Contact Current Rating (Max)	11 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Dimensions

Dimensions	64 × 34 × 31.35 mm[2.519 × 1.339 × 1.234 in]
Accepts Wire Insulation Diameter Range	.6 – 1.2 mm, 1.08 – 1.6 mm, 1.4 – 2.2 mm, 3.1 – 3.8 mm[.024 – .047 in][.042 – .063 in][.055 – .087 in][.122 – .149 in]
Wire Size	.05 – 2.5 mm ²

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Box
Packaging Quantity	5

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: JUL 2021 (219)



Candidate List Declared Against: JUL 2021
(219)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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 # T0920023670-000
F SHIELD PLATE FOR HK-HDW3/1/1,
STRAIGHT



TE Part # T0920023670-002
F SHIELD PLATE FOR HK-HDW3/1/1,
BENDED



TE Part # T2120865101-000
HK-HDW3/1/1-23/16/47-M



TE Part # T0920023670-001
F SHIELD PLATE FOR HK-HDW3/1/1,
STR & CUT

Customers Also Bought



TE Part # T0931006527-000
CODING-PIN-M3-LTF



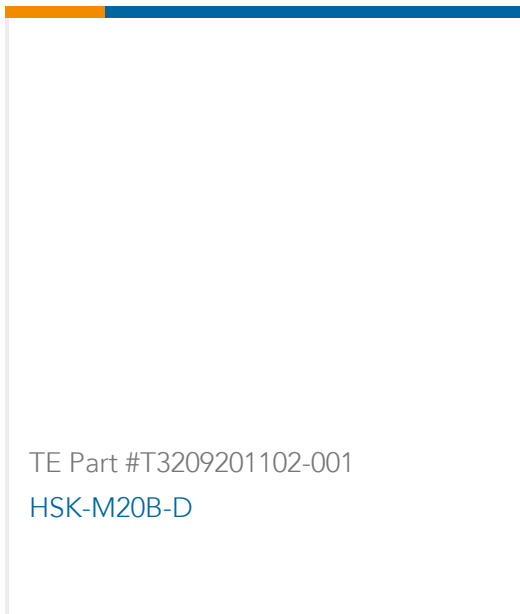
TE Part # T0920013670-000
M SHIELD PLATE FOR HK-HDW3/1/1,
BENDED



TE Part # T0920023670-000
F SHIELD PLATE FOR HK-HDW3/1/1,
STRAIGHT



TE Part # T1220102025-000
H10B-TG-M20/M25, SHORT RIB



Documents

Product Drawings

[HK-HDW3/1/1-23/16/47-F](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_T2120865201-000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T2120865201-000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T2120865201-000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HDC- HK HDW3/1/1-23/16/47](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)



English

[Product Compliance](#)

English