

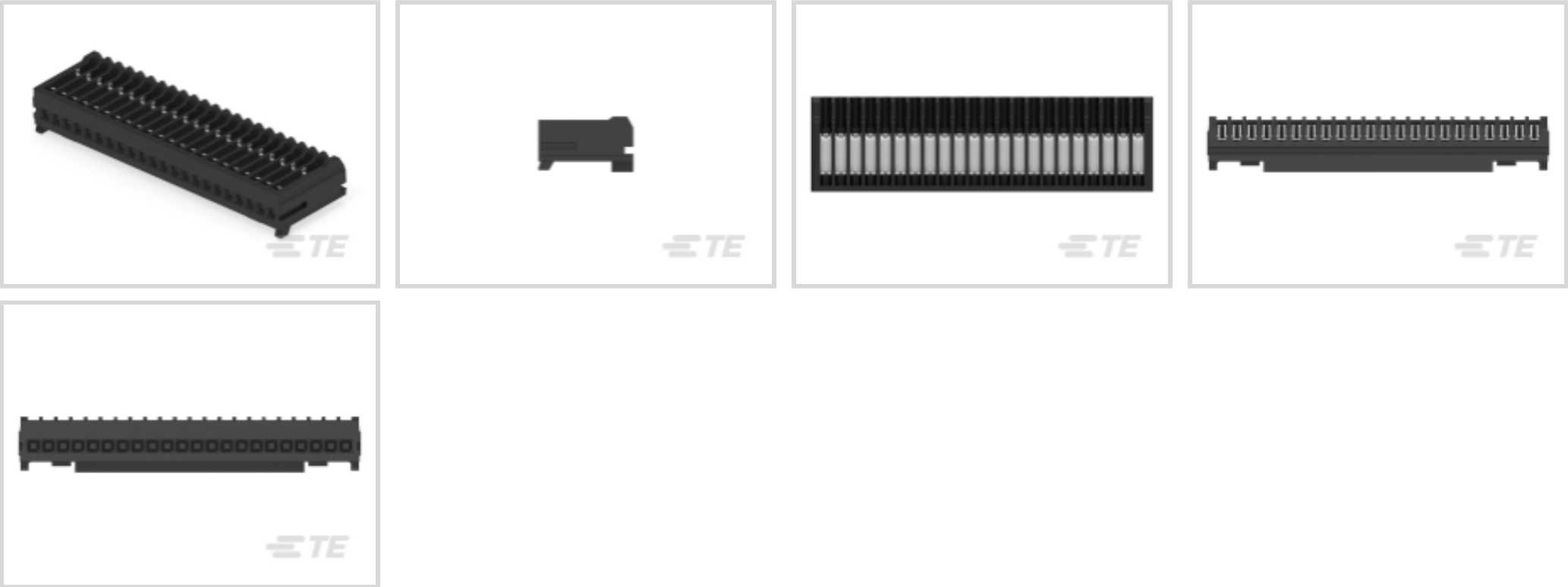


TE Internal #: 2-2355088-2

Connector Assembly, Receptacle, Wire-to-Board, 22 Position, 1.2 mm [.047 in] Centerline, Insulation Displacement (IDC), 1 Row, Black, Wire & Cable

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **22**

Centerline (Pitch): **1.2 mm [.047 in]**

Features

Industry Standards

Compatible With Agency/Standards Products	UL
RAST Version	None
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

Electrical Characteristics

Operating Voltage	50 VDC
Termination Resistance	20 mΩ
Insulation Resistance	100 MΩ
Dielectric Withstanding Voltage (Max)	250 VAC

Packaging Features

Packaging Method	Bag/Carton
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Dimensions

Compatible Insulation Diameter Range	.86 – .9 mm [.033 – .035 in]
Connector Width	7.65 mm [.301 in]



Connector Height	4.47 mm[.175 in]
Wire Size	26 – 28 AWG
Connector Length	27.6 mm[1.086 in]

Contact Features

Contact Retention Within Housing	With
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Type	Receptacle
Contact Current Rating (Max)	2 A

Mechanical Attachment

Strain Relief	With
Mating Retention Type	Detent Latching
Contact Retention Type Within Housing	Press-Fit
Locking Latch Between Cavity Number	None
Mating Retention	With

Housing Features

Housing Material	66 Nylon (GF)
Housing Entry Configuration	Both Ends Open
Centerline (Pitch)	1.2 mm[.047 in]

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	22
Number of Rows	1

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Usage Conditions



Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2-2355091-2
MICRO CT CONN SINGLE ROW HDR
ASSY(V)22p

TE Part # 2388700-2
DECAM 7A, MICRO CT, CT

TE Part # 2388630-1
PISTOL TOOL, MICRO CT

TE Part # 2374779-1
MANUAL PRESS, MICRO CT

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



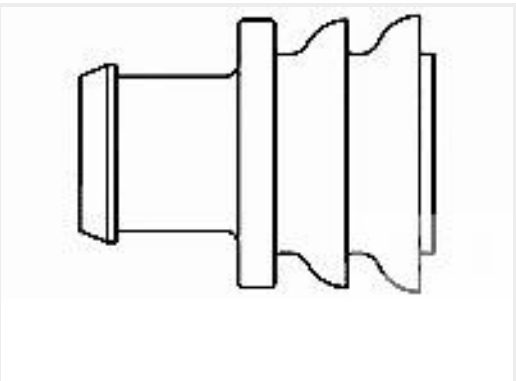
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

MICRO CT CONN MT REC ASSEMBLY 22P

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-2355088-2_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2355088-2_C2.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-2355088-2_C2.2d_dxf.zip

English

3D PDF

3D

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



Datasheets & Catalog Pages

1.2mm AMP Micro CT Connector Series

English

Product Specifications

Application Specification

Japanese

Agency Approvals

UL

English