



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Mating Retention: **Without**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Contacts Preloaded	Yes
PCB Mount Orientation	Vertical
Number of Positions	25
Number of Rows	5

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Contact Features



Contact Layout	Matrix
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Post & Tail Length	5.72 mm[.225 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Crimp Terminal

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester
Housing Color	Black
	.2 in

Dimensions

	2.462 in
PCB Thickness (Recommended)	1.6 mm[.063 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

Operating Temperature Range	-55 - 130 °C[-67 - 266 °F]
-----------------------------	----------------------------

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

CSA Rating	LR 7189
------------	---------



Compatible With Agency/Standards Products	CSA, VDE
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	10
Packaging Method	Box & Tray, Tray

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 # 213881-3
25P MMATE DRWR CONN LF

TE Part # 1-796590-2
25P ACT PIN,MMATE LF

Also in the Series

AMP Metrimate

Connector Caps & Covers(4)

Connector Hardware(4)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(83)

Rectangular Connector Housings(35)

Rectangular Contact Inserts(4)

Standard Rectangular Connectors(5)

Customers Also Bought

TE Part # 3-2176231-4
3522 240R 1% 3W

TE Part # 640584-1
08P UMNL HDR ASSY R/A 94VO

TE Part # 1648325-1
702-92-01109=CONTACT,SKT,#20

TE Part # 1217756-1
187 FASTON,TAB,TNBR

TE Part # 6-1614882-1
CPF 0603 47K 0.1% 25PPM 5K RL

TE Part # 9-1676481-6
CPF 0603 82K 0.1% 25PPM 1K RL

TE Part # 1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL

TE Part # 3-1589457-4
SSM009SC2DM006N = WDUALOBE



Documents

Product Drawings

25P RECPT ASSY,DRWR CONN LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213672-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_213672-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213672-3_D.3d_stp.zip

English

Customer View Model

ENG_CVM_213672-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_213672-3_C.3d_stp.zip

English

Customer View Model

ENG_CVM_213672-3_C.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

METRIMATE_PIN_SOCKET_CATALOG

English

Product Specifications

Application Specification

English

