

DYNAMIC REC CONTACT M L/P

✓ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Part # 1-175217-2

TE Internal #: 1-175217-2

[View on TE.com >](#)



Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Operating Voltage: **250 VDC, 600 VDC**
Contact Retention: **With**

Features

Product Type Features

Barrel Type	Open Barrel
Glow Wire Rating	Standard Part - Not Glow Wire
Connector System	Wire-to-Wire
Wire/Cable Type	Discrete Wire, Stranded
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VDC, 600 VDC
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Contact Features

Underplate Material Thickness	1.3 μm[51.18 μin]
Contact Mating Area Plating Thickness	.38 μm[15 μin]
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Classification	Power, Signal
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention	With
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Contact Retention Type

Locking Lance

Dimensions

Overall Length	17.8 mm[.7 in]
Accepts Wire Insulation Diameter Range	1.2 – 2.6 mm
	.047 – .102 in
Wire Size	.2 – .6 mm ²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

High Current	Yes
For Use With	Tab Contact

Identification Marking

Wire Range Mark	M
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Insertion & Extraction Tools
(1)

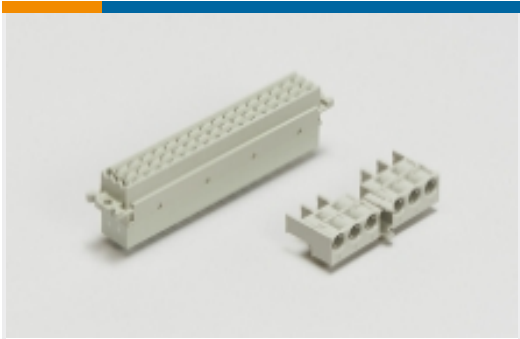


Portable Crimp Tools(6)



Rectangular Connector
Housings(38)

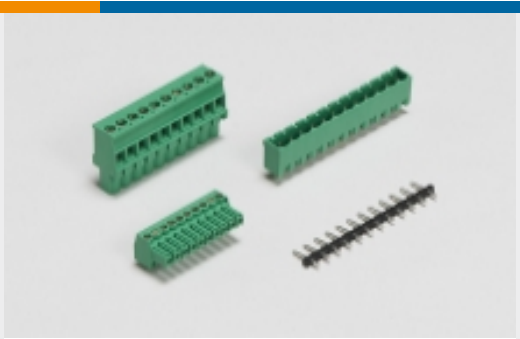
Also in the Series | Dynamic 3000 Series



Backplane Connector
Housings(2)



Connector Contacts(103)



PCB Terminal Blocks(4)



Rectangular Backshells &
Clamps(2)



Rectangular Connector
Hardware(7)



Rectangular Connector
Housings(132)



Rectangular Connector
Keying Plugs(1)



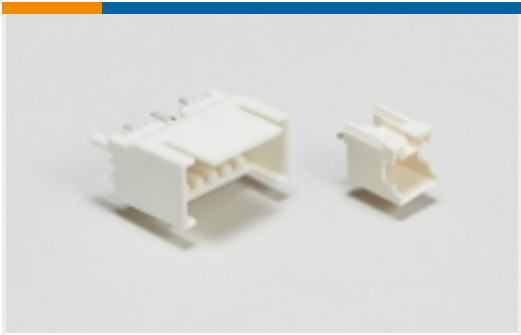
Standard Rectangular
Connectors(291)

DYNAMIC REC CONTACT M L/P

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Wire-to-Board Connector
Housings(2)



Wire-to-Board Headers &
Receptacles(14)

Customers Also Bought



TE Part #91559-1
CERTICRIMP 24-20 DYN D-3M



TE Part #1891526-1
EXTRACTION TOOL FOR
DYNAMIC 1000 SERIES



TE Part #178803-3
3.81 DYNAMIC CAP HSG
PANEL 6P



TE Part #1-178802-3
DYNAMIC3100S TAB HSG
3P PM X-K



TE Part #175217-2
DYNAMIC REC CONTACT
M L/P



TE Part #175288-2
DYNAMIC D-3 TAB
CONT. M L/P



TE Part #1-175218-2
DYNAMIC L/P REC CONT
L AU0.38



TE Part #178289-6
DYNAMIC 3100 REC HSG
12P DBL

Documents

Product Drawings

DYNAMIC REC CONTACT M L/P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-175217-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-175217-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-175217-2_B.3d_stp.zip

English



Datasheets & Catalog Pages
[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)
English

Product Specifications
[Application Specification](#)
English

Product Environmental Compliance
[TE Material Declaration](#)
English

Instruction Sheets
[Instruction Sheet \(non U.S.\)](#)
Japanese
[Instruction Sheet \(non U.S.\)](#)
English
[Instruction Sheet \(non U.S.\)](#)
Japanese
[PEW12 HAND TOOL\(D3000-M\)](#)
Japanese