175196-3 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 175196-3

Receptacle Contact, Gold, 250 VAC, Discrete Wire, 20 – 16 AWG Wire Size, .5 – 1.42 mm² Wire Size, Crimp, Copper Alloy, Dynamic 3000 Series

View on TE.com >

Connectors > Contacts > Connector Contacts > DYNAMIC 3000 CONTACT



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

All DYNAMIC 3000 CONTACT (91)

Features

Industry Standards

UL Flammability Rating	UL 94V-0

Mechanical Attachment

Wire Insulation Support	With

Packaging Features

Packaging Quantity	12000
Packaging Method	Reel & Box

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Dimensions

Compatible Insulation Diameter Range	1.8 – 2.8 mm[.07 – .11 in]
Wire Size	.5 – 1.42 mm²

Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Tab Width	2 mm[.08 in]

Contact Length	17.8 mm[.7 in]
Mating Tab Thickness	.64 mm[.025 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

Electrical Characteristics

Operating Voltage	250 VAC

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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	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

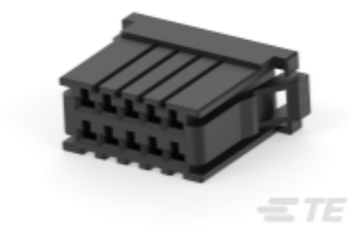
Product Compliance Disclaimer

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 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-D9934-A75B
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part # CAT-D9934-A75A
DYNAMIC 3100 REC AND TAB HSG



TE Part # CAT-D9934-A75C
DYNAMIC 3500 REC AND TAB HSG



TE Part # 234168-1
EXTRACTION TOOL(DYNAMIC D-3)



TE Part # 917249-1
DYNAMIC D-3400F REC HSG 20P



TE Part # 2151018-1
OCEAN_2.0_APPLICATOR-S-090F110F-RSM



TE Part # 178214-1
DYNAMIC 3400 REC HSG 12P



TE Part # 2151018-2
OCEAN_2.0_APPLICATOR-S-090F110F-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2836204-1
OCEAN-2.0-APPLICATOR-S-090F110OV-RSM



TE Part # 2836204-2
OCEAN-2.0-APPLICATOR-S-090F110OVA-RSA



TE Part # 5-2151018-1
OCEAN_2.0_APPLICATOR-S-090F110F-RSM



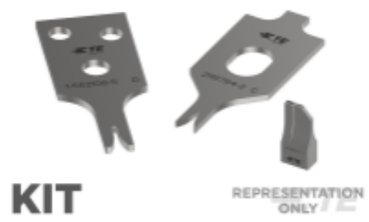
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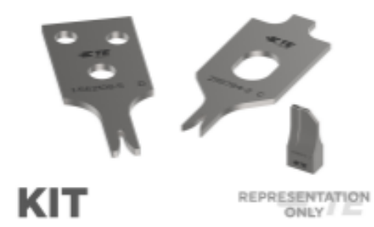
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TE Part # 5-2836204-2
OCEAN-2.0-APPLICATOR-S-090F110OV-RSA



TE Part # 7-2151018-7
OCEAN_2.0_SPARE_PART_KIT-090F110F

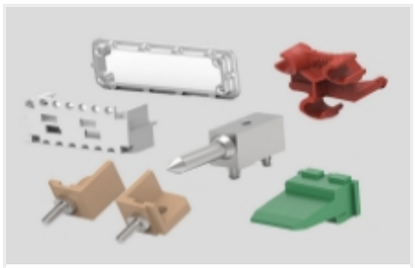


TE Part # 7-2836204-7
OCEAN_2.0_SPARE_PART_KIT-090F110OV

Also in the Series | Dynamic 3000 Series



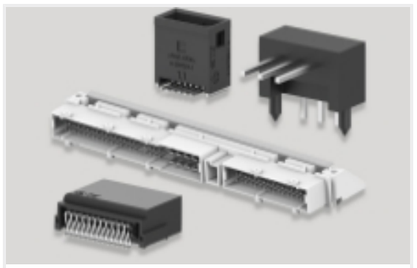
Connector Contacts(94)



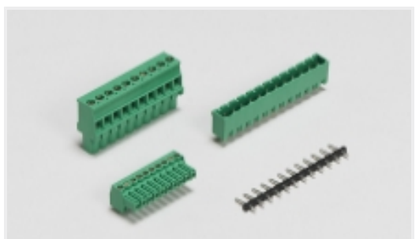
Connector Hardware(8)



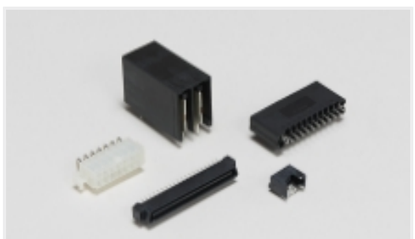
Insertion & Extraction Tools(2)



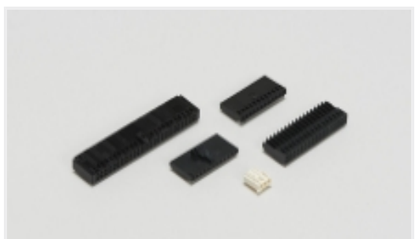
PCB Headers & Receptacles(282)



PCB Terminal Blocks(37)

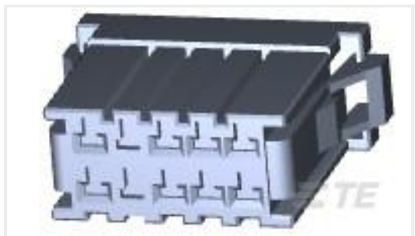


Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies & Housings(152)

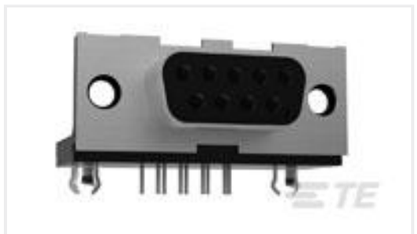
Customers Also Bought



TE Part #178289-5
3.81 DYNAMIC REC HSG 10P D--D



TE Part #6-1415537-5
SR6A6K24



TE Part #2-106505-2
9P.HDP20 REC.ASSY.



TE Part #917249-1
DYNAMIC D-3400F REC HSG 20P



TE Part #650408-5
064 EURO TYPE C RECEPT ST ASSY



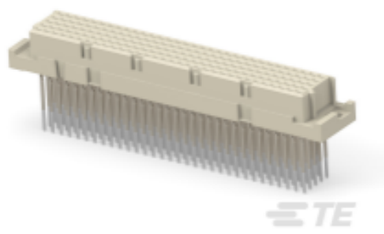
TE Part #350551-2
UMNL SOK 20-14 AUBR L/P



TE Part #1-66358-0
III+ SKT,18-14,30AU/FL,STRIP



TE Part #1-148167-5
064 EURO TYP C RECP 13MM ASSY



TE Part #254960-E
STVE 160 F ABCDE VVVVV 7-00 EEUE 17,0 *

Documents

Product Drawings

DYNAMIC D-3 REC CONT/L AU 0.76

English

CAD Files

Customer View Model

ENG_CVM_CVM_175196-3_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175196-3_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175196-3_AG.3d_stp.zip

English

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Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

TUV Certificate

English

TUV Certificate

English