



I/O CONNECTOR CONTACTS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

DYNAMIC D-5 REC CONT. M FORM

Dynamic Series | Dynamic 5000 Series

179956-2

TE Internal Number: 179956-2

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Contact Mating Area Plating Material **Gold**

Operating Voltage **630 VAC [630 VDC]**

Contact Retention **With**

Contact Retention Type **Locking Lance**

Product Drawings

REC CONTACT "M"SIZE

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Catalog Pages/Data Sheets

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

PDF
English

Product Specifications

Product Specification

Dynamic Connector D-5000 Series

PDF
English

DYNAMIC CONN D-5 DYNA-CLAMP (QUALIFICATION TEST REPORT)

PDF
Japanese

DYNAMIC CONN D-5 DYNA-CLAMP (QUALIFICATION TEST REPORT)

TIF
Japanese

Application Specification

Dynamic Connector D-5000 Series

PDF
Japanese

Qualification Test Report

Dynamic D-5800 Series With HTS Connector

TIF
Japanese

Dynamic D-5800 Series With HTS Connector

PDF
Japanese

Dynatap Connector D-5200 Series

TIF
Japanese

Dynatap Connector D-5200 Series

PDF
Japanese

Product Environmental Compliance

TE Material Declaration

[MD_179956-2_060920142123_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (non U.S.)

[Extraction Tool For AMP Dynamic D-5000 Series](#)

PDF
English

[Extraction Tool For AMP Dynamic D-5000 Series](#)

TIF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Connector System

Wire-to-Wire

Wire/Cable Type

Discrete Wire, Stranded

Product Type

Contact

Glow Wire Rating

Standard Part - Not Glow Wire

Applies To

Wire/Cable

Barrel Type

Open Barrel

Electrical Characteristics

Operating Voltage

630 VAC [630 VDC]

Contact Features

Contact Type

Socket

Contact Mating Area Plating Material

Gold

Contact Current Rating (A)

30

Contact Classification

Power

Contact Base Material

Copper Alloy

Contact Mating Area Plating Thickness

.38 μ m [15 μ in]

Underplate Material Thickness

1.3 μ m [51.18 μ in]

Underplate Material

Nickel

Termination Features

Termination Method to Wire/Cable

Crimp


Mechanical Attachment	Contact Retention	With
	Contact Retention Type	Locking Lance
Dimensions	Wire/Cable Size	3.08 – 5.5 mm², 12 – 10 AWG
	Accepts Wire Insulation Diameter Range	4 – 5.2 mm [.157 – .204 in]
	Overall Length	23.4 mm [.921 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	Tab Contact
Identification Marking	Wire Range Mark	M
Packaging Features	Packaging Method	Reel
	Packaging Quantity	1200

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR CONNECTOR HOUSINGS</p> <p>DYNAMIC D-3500 REC HSG 4P 175363-3</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECTANGULAR CONNECTOR HOUSINGS</p> <p>DYNAMIC D-5200S TAB HSG 3P K/X 1-353046-3</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECTANGULAR CONNECTOR HOUSINGS</p>  <p>DYNAMIC D-5200S REC HSG 3P K/Y 2-179958-3</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECTANGULAR CONNECTOR HOUSINGS</p> <p>DYNAMIC D-5200S REC HSG 2P K/X 1-179958-2</p> <p>Save to List</p> <p>Find Similar Products</p>
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Relation Type ▼

RELATIONSHIP
Housings

housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
Dynamic Series | Dynamic 5000 Series

DYNAMIC D-5 REC HSG Y SGL ROW - 2-179958-6

TE INTERNAL NUMBER: 2-179958-6

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Board, Wire-to-Wire**

Centerline **10.16 mm**

Number of Positions **6**

Number of Rows **1**

Housing Material **Polyester GF**



RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)



PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators
AMP

OC-PA-S-FA-160F240F- 001-0167 - 2-2151086-2

TE INTERNAL NUMBER: 2-2151086-2

✓ Active

Not in Scope for EU RoHS/ELV
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN - Pacific**

Applicator Feed Style **Side Feed**



RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
Dynamic Series | Dynamic 5000 Series

DYNAMIC D-5200M REC HSG 4P Y-Y - 2-917807-2

TE INTERNAL NUMBER: 2-917807-2

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Board, Wire-to-Wire**

Centerline **10.16 mm**

Row-to-Row Spacing **10.16 mm**

Number of Positions **4**

Number of Rows **2**

