



POWER CONTACTS



TE CONNECTIVITY (TE)

EP-II CONTACT LANCELESS, 22-18

Economy Power | Economy Power

1744144-1

TE Internal Number: 1744144-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **7.5**

Wire/Cable Size (AWG) **22 - 18**

Wire/Cable Size (mm²) **.34 - .75**

Circuit Application **Power**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[CONTACT, LANCELESS, STD, ECONOMY POWER II](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

Catalog Pages/Data Sheets

[7-1773458-5_ECONOMY_POWER_QRG](#)

PDF
English

[7-1773461-5_EP2II_CONNECTOR_TPA_DEVICE](#)

PDF
English

Product Specifications

Product Specification

[EP II Connector System](#)

PDF
English

Application Specification

[Economy Power \(EP\)-II Contacts And Receptacle Housings](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1744144-1_12032015217_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

Extracting Economy Power (EP)-II Contacts From Receptacle Housing PDF 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	Product Type	Contact
Electrical Characteristics	Contact Current Rating (A)	7.5
Contact Features	Contact Type	Socket
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	.8 µm [31.49 µin]
	Contact Crimp Area Plating Material	Pre-Tin
	Crimp Area Plating Finish	Matte
	Crimp Area Plating Thickness (µm)	.8
	Contact Design	Single Beam in Box
Termination Features	Wire/Cable Size (AWG)	22 – 18
	Wire/Cable Size (mm ²)	.34 – .75
	Termination Type	Crimp
Dimensions	Accepts Wire Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
	Height	4 mm [.157 in]
	Width	9.99 mm [.393 in]
	Length	2.8 mm [.1102 in]
Operation/Application	Circuit Application	Power
	Operating Temperature Range (°C)	-25 – 105
	Connector System	Wire-to-Board
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	Packaging Method	Strip
	Packaging Quantity	4000

Other

Wire/Cable Type

Discrete Wire

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 5 Results

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Relation Type

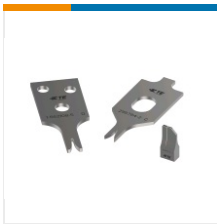
RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators
AMP

**OC-070F102F-
CRIMPTOOLINGKIT**
- 7-2151113-7

TE INTERNAL NUMBER: 7-2151113-7

Active

Not in Scope for EU RoHS/ELV
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **Yes**

Spare Parts Tool Type **Spare
Parts Kit**

RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators
AMP

**OC-AT-S-FA-070F102F-
001-0302 - 2151113-2**

TE INTERNAL NUMBER: 2151113-2

Active

Not in Scope for EU RoHS/ELV
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN -
Atlantic**

Applicator Feed Style **Side Feed**

RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS





Application Tooling - OCEAN Applicators
AMP

OC-PA-S-FM-070F102F-
001-0302 - 2-2151113-1

TE INTERNAL NUMBER: 2-2151113-1

✓ 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**

