



CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

HSG,AMPINERGY WTW,1 POS,BLACK

AMP | Power Wiring Devices

556137-2

TE Internal Number: 556137-2

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug/Receptacle**

Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Wire/Cable**

Contact Current Rating (A) **55**



Product Drawings

[HOUSING, SINGLE POSITION, WTW, AMPINERGY](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

PDF
English

Product Specifications

Product Specification	PRODUCT SPECIFICATION, CONNECTOR, AMPINNERGY, WIRE TO WIRE PDF English
Application Specification	PRODUCT SPECIFICATION, CONNECTOR, AMPINNERGY, WIRE TO WIRE TIF English AMPINNERGY Modular Wiring System PDF English AMPINNERGY Wire-To-Wire (WTW) Connectors PDF English

Product Environmental Compliance

TE Material Declaration	MD_556137-2_0630201402_dmtec PDF English
-------------------------	--

Instruction Sheets

Instruction Sheet (U.S.)	AMPINNERGY Wire-To-Wire Stackable Connectors TIF English AMPINNERGY Wire-To-Wire Stackable Connectors 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	Housing
	Housing Type	Plug/Receptacle
Configuration Features	Number of Positions	1
Electrical Characteristics	Contact Current Rating (A)	55
	Operating Voltage (VAC)	600
Termination Features	Wire/Cable Size (AWG)	18 – 10
	Wire/Cable Size (mm ²)	.811 – 6.11
	Wire/Cable Size (CMA)	1600.53 – 12066.13
Mechanical Attachment	Mating Alignment	With
	Mating Retention	Without
	PCB Mount Retention	Without
	Panel Mount Retention Type	Mounting Adapters
	Panel Mount Retention	With
	Mating Alignment Type	Keyed

Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	Polycarbonate

Dimensions	Length	36.83 mm [1.45 in]
	Height	9.91 mm [.39 in]
	Accepts Wire Insulation Diameter Range	1.016 – 25.908 mm [.04 – 1.02 in]
	Width	9.9 mm [.39 in]

Usage Conditions	Sealed Condition	Not Sealed
------------------	------------------	-------------------

Operation/Application	Connector System	Wire-to-Panel, Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	0 – 105 °C [32 – 221 °F]
	Circuit Application	Power

Industry Standards	UL Rating	Recognized
	CSA File Number	LR 7189
	Agency/Standard	CSA, UL
	VDE Tested	Yes
	CSA Rating	Certified
	Agency/Standard Number	E28483

Packaging Features	Packaging Method	Loose Piece
--------------------	------------------	--------------------

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)



