



RECTANGULAR POWER CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

RCPT ASY,R/A,AMPINRGY WTB,2POS

AMP | Power Wiring Devices

556882-2

TE Internal Number: 556882-2

Always EU RoHS/ELV Compliant

Product Type **Connector Assembly**

Housing Type **Receptacle**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **35**

Product Drawings

[RECEPTACLE ASSEMBLY, RIGHT ANGLE, WTB, 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

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

PDF
English

Product Specifications

Product Specification

[Connector, AMPINERGY*, Wire-To-Board](#)

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Application Specification

[AMPINERGY Wire-To-Board \(WTB\) Connectors](#)

PDF
English

[AMPINERGY Modular Wiring System](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_556882-2_050120142222_dwtac](#)

Instruction Sheets

Instruction Sheet (U.S.)

[AMP NETCONNECT AMPINNERGY Wire-To-Board \(WTB\) Connectors 556870-\[\], 556882-\[\], And 556881-\[\]](#)
 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	Connector Assembly
	Housing Type	Receptacle
	Contact Type	Pin/Socket

Configuration Features	Number of Positions	2
	Centerline	11.18 mm [.44 in]
	PCB Mounting Orientation	Right Angle
	Number of Rows	1
	Contact Layout	Inline

Electrical Characteristics	Contact Current Rating (A)	35
	Operating Voltage (VAC)	600

Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	3.81 µm [150 µin]
	Contact Base Material	Copper Alloy
	Contact Design	Dual Beam
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]

Termination Features	Wire/Cable Size (AWG)	28 – 16
	Wire/Cable Size (mm ²)	.5 – 5
	Termination Method to PC Board	Through Hole - Solder
	Wire Type	Stranded
	Termination Post/Tail Length	4.9 mm [.1929 in]

Mechanical Attachment	Mating Alignment	With
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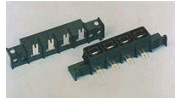


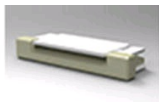





	Mating Retention	With
	PCB Mount Retention	Without
	Mating Alignment Type	Polarization
	PCB Mount Alignment	Without
	Mating Retention Type	Latch
<hr/>		
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	Polyphenylene Sulfide (PPS)
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Dimensions	Width	17.53 mm [.69 in]
	Height	14.48 mm [.5701 in]
	PCB Thickness (Recommended)	1.57 – 3.18 mm [.062 – .1251 in]
	Length	46.736 mm [1.84 in]
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Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	0 – 105 °C [32 – 221 °F]
	Circuit Application	Power
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Industry Standards	VDE Tested	No
	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR 7189
	Agency/Standard	CSA, UL
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Packaging Features	Packaging Method	Box
	Packaging Quantity	100
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Other	Backwall/Post Interruptions	Without
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RIBBON CABLE CONNECTORS	RECTANGULAR POWER CONNECTORS	FPC CONNECTORS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES
 <p>IDC LOW PRO HDR 50P RA BLUE 3-1761605-5</p> <hr/> <p> Save to List  Find Similar Products</p>	 <p>RCPT ASY, R/A, AMPINRGY WTB, 3POS 556882-3</p> <hr/> <p> Save to List  Find Similar Products</p>	 <p>FPC CONN. 0.5MM PITCH T/C, 30P 3-1734839-0</p> <hr/> <p> Save to List  Find Similar Products</p>	 <p>07 MODII HDR SRRA SHRDLF 5-102203-4</p> <hr/> <p> Save to List  Find Similar Products</p>