



RECTANGULAR POWER CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

AssyMinipak Hdl15s12pRARecptSc

MINIPAK | HDI , MINIPAK HDL

3-1926739-0

TE Internal Number: 3-1926739-0

Always EU RoHS/ELV Compliant

Product Type **Connector Assembly**

Housing Type **Receptacle**

Connector System **Board-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **17**

Product Drawings

[RECEPTACLE ASSEMBLY, RIGHT ANGLE, PASSIVE GUIDE, SIGNAL/POWER,](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Specifications

Product Specification

[MINIPAK HDL Board Mount Receptacle Or Plug Connector System](#)

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

Socket

Configuration Features

Number of Positions

27

	Centerline	2 mm [.079 in]
	PCB Mounting Orientation	Right Angle
	Number of Power Positions	12
	Number of Signal Positions	15
	Number of Rows	1
	Board-to-Board Configuration	Co-Planar
	Connector Circuit Configuration (Number of Pos/Type)	15/Signal, 12/DC Power
Electrical Characteristics	Contact Current Rating (A)	17
	Operating Voltage (VAC)	250
Contact Features	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Gold or Palladium Nickel or Performance Based
	Contact Mating Area Plating Thickness	.76 μm [29.92 μin]
	Contact Base Material	Copper
	Contact Design	Single Beam
	Underplate Material Thickness	1.27 μm [50 μin]
	Contact Termination Area Plating Thickness	.5 μm [20 μin]
	Underplate Material	Nickel
Termination Features	Termination Method to PC Board	Through Hole - Press-Fit
	Termination Post/Tail Length	3.3 mm [.13 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	Without
	PCB Mount Retention	With
	PCB Mount Retention Type	Screw Mount
	Mating Alignment Type	Passive Guide
	PCB Mount Alignment Type	Screw Mount
	PCB Mount Alignment	With
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Black
	Housing Material	Crystal Polymer
Dimensions	Width	36.5 mm [1.437 in]

Height	8 mm [.315 in]
PCB Thickness (Recommended)	1.4 mm [.055 in]
Length	53.24 mm [2.096 in]

Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Board-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-40 – 125 °C [-40 – 257 °F]
	Circuit Application	Signal/Power

Industry Standards	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	Agency/Standard	CSA

Packaging Features	Packaging Method	Tube
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Other	Selectively Loaded	Yes
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)