3-1926730-0 Product Details

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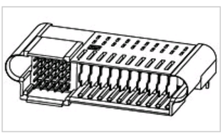

Active

MINIPAK HDL Connectors

AssyMINIPAKHDL15a12pRAplugBdlk

3-1926730-0

TE Internal Number: 3-1926730-0

Product Highlights View All

- Connector Style = Plug
- 15/Signal, 12/DC Power
- 15 Signal Positions
- 12 Power Positions
- 27 Positions

Pricing & Availability

Request Sample

Add to My Part List

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View Part in Product Feature Selector

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Documents | Features | Compliance

Please Note:
Use the Product Drawing for all design activity

Product Type Features	
PCB Mount Retention Type	Boardlock(s)
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mounting Orientation	Right Angle
Make First / Break Last	No
Product Line	MINIPAK HDL
PCB Mount Alignment Type	Boardlocks
Sealed	No

Electrical Characteristics	
Operating Voltage Reference	DC
Operating Voltage (VAC)	250
Hot Pluggable	No
UL Voltage Rating (VAC)	250

Termination Features	
Termination Method to PC Board	Through Hole - Press Fit

Dimensions	
Tail Length (mm [in])	3.3 [0.13]
PCB Thickness, Recommended (mm [in])	1.40 [0.055]
Length (X-Axis) (mm [in])	53.21 [2.094]
Width (Z-Axis) (mm [in])	26.50 [1.043]
Profile Height (Y-Axis) (mm [in])	8.00 [0.315]

Body Features	
Selectively Loaded	Yes
Mating Retention	Without

Contact Features	
Contact Plating, Termination Area, Material	Matte Tin
Contact Type	Pin
Contact Base Material	Copper
Contact Plating, Mating Area, Material	Gold or Palladium Nickel or Performance Based
Contact Plating, Mating Area, Thickness (µm [µin])	0.76 [29.92]
Contact Plating, Termination Area, Thickness (µm [µin])	0.5 [20]
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.27 [50.000]
Contact Design	Single Beam

Housing Features	
Connector Style	Plug
Centerline (mm [in])	2.00 [0.079]
Centerline, Power Contacts (mm [in])	2.75 [0.108]
Mating Alignment	With
Housing Material	Crystal Polymer
Housing Color	Black
Mating Alignment Type	Passive Guide

Configuration Features	
Connector Contact Configuration (No. of Pos./Type)	15/Signal, 12/DC Power
Number of Signal Positions	15
Number of Power Positions	12
Number of Positions	27
Number of Rows	1
Tail Orientation	In-line
Custom Configurable	No

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant
Agency/Standard	CSA
UL Rating	Recognized
UL File Number	E28476
UL Flammability Rating	UL 94V-0
CSA Certified	Yes

Environmental	
Operating Temperature (°C [°F])	-40 – +125 [-40 – +257]

Conditions for Usage	
Applies To	Printed Circuit Board
Board-to-Board Configuration	Co-Planar

Operation/Application	
Contact Transmits (Typical Application)	Signal (Data)/Power
Application Use	Board-to-Board
Pick and Place Cover	Without

Packaging Features	
Packaging Method	Tube/Box

Other	
Brand	TE Connectivity

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