



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
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3D PDF

TE CONNECTIVITY (TE)

HD-22 PLUG 44P RA 30 DPLX BDLK/THD INS

AMPLIMITE | Standard , THS

5749771-1

TE Internal Number: 5749771-1

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (mm) **2.29**

Number of Positions **44**

Number of Rows **3**

Shell Size **3**

Product Drawings

[AMPLIMITE HD-22 44 POS PLUG, RIGHT ANGLE](#)

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CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors](#)

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Product Specifications

Product Specification

[AMPLIMITE* HD-22 Front Metal Shell, PCB Mounted Connector](#)

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Application Specification

[AMPLIMITE HD-22 Right-Angle Front Metal Shell Connectors](#)

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Product Environmental Compliance

TE Material Declaration

[MD_5749771-1_04162014452_dmtec](#)

PDF
English

Drawing for all design activity.

Product Type Features	Connector Style	Plug
	Shell Size	3
	PCB Mounting Orientation	Right Angle
	Grounding Straps	With
	Shell Type	Front Metal Shell
	Footprint	8.89 mm [.35 in]
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
Product Type	Connector	

Configuration Features	Number of Positions	44
	Number of Rows	3
	Preloaded	Yes

Body Features	Plastic	No
	Color Code	None
	Shell Plating Material	Nickel
	Insert Material	Brass
	Shell Material	Steel

Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold

Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Inserts
	Panel Mount Retention	Without

Mating Retention Type	Threaded Inserts
Boardlock Material	Brass
Mating Retention	With
Mounting Hole Diameter (mm)	3.18
Boardlock Plating Material	Tin
Threaded Insert Material	Zinc
Mating Alignment	With
Threaded Insert Plating Material	Clear Chromate

Housing Features	Centerline (mm)	2.29
	Housing Color	Black
	Housing Material	PBT

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Box
	Packaging Quantity	50

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

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