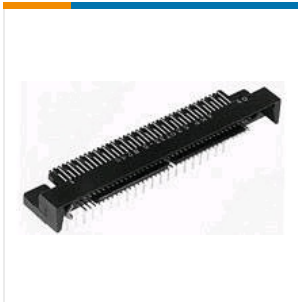




BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

MINI BOX PIN HDR ASY 50 POS

AMP | HD.50 , HDI

1-530743-5

TE Internal Number: 1-530743-5

Mil-Spec: M55302/117-04

[Always ELV Compliant](#)

[Find Compliant Alternatives](#)

Connector Style **Plug**

Centerline **1.27 mm [.05 in]**

Number of Positions **50**

Packaging Method **Package**

Contact Mating Area Plating Material **Gold**

Product Drawings

[PIN HEADER ASSY, MINI-BOX, RIGHT ANGLE, MILITARY](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

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

Connector Style

Plug

PCB Mounting Orientation

Right Angle

Row-to-Row Spacing

3.81 mm [.15 in]

Gasket

Without

Applies To

Printed Circuit Board

Product Type

Connector

Boss

Without

Sealed

No

	Hybrid	No
	Connector Type	Header
	Strain Relief	Without
	Stabilizers	Without
<hr/>		
Configuration Features	Number of Positions	50
	Number of Rows	2
	Stackable	No
<hr/>		
Body Features	Post Size	.23 x .46 mm [.009 x .018 in]
	Post Styles	Posted
	Color	Gray
<hr/>		
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	50
	Contact Type	Pin
	Contact Protection	Without
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Layout	Staggered
	Solder Tail Contact Plating Material Finish	Tin-Lead: Matte
	Solder Tail Contact Plating Thickness (µin)	100
	Contact Base Material	Brass
<hr/>		
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length (mm)	3.18, 5.08, 6.99, 8.9
	Termination Post Length (in)	.35
<hr/>		
Mechanical Attachment	Mating Alignment Type	Polarization
	PCB Mount Retention	Without
<hr/>		
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Gray
<hr/>		
Dimensions	Tail Length (mm)	3.17, 6.9, 8.89
	Tail Length (in)	.125, .2, .275, .35

Height

7.87 mm [.31 in]

Operation/Application

Pick and Place Cover

Without

Assembly Process Feature

None

For Use With

Receptacle Assembly

Industry Standards

Industry Standard Configuration

None

Packaging Features

Packaging Method

Package

Packaging Quantity

6

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)