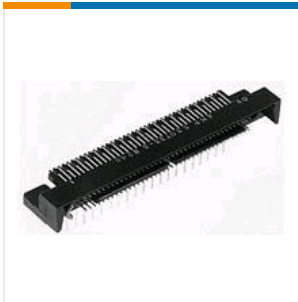




## BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### MINI BOX PIN HDR ASY 90 POS

AMP | HDI , MINIPAK HDL

1-530743-9

TE Internal Number: 1-530743-9

Mil-Spec: M55302/117-08

[Always ELV Compliant](#)

[Find Compliant Alternatives](#)

Connector Style **Plug**

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

Number of Positions **90**

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	<b>Plug</b>
PCB Mounting Orientation	<b>Right Angle</b>
Row-to-Row Spacing	<b>3.81 mm [ .15 in ]</b>
Gasket	<b>Without</b>
Applies To	<b>Printed Circuit Board</b>
Product Type	<b>Connector</b>
Boss	<b>Without</b>
Sealed	<b>No</b>

	Hybrid	<b>No</b>
	Connector Type	<b>Header</b>
	Strain Relief	<b>Without</b>
	Stabilizers	<b>Without</b>
<hr/>		
Configuration Features	Number of Positions	<b>90</b>
	Number of Rows	<b>2</b>
	Stackable	<b>No</b>
<hr/>		
Body Features	Post Size	<b>.23 x .46 mm [ .009 x .018 in ]</b>
	Post Styles	<b>Posted</b>
	Color	<b>Gray</b>
<hr/>		
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µin)	<b>50</b>
	Contact Type	<b>Pin</b>
	Contact Protection	<b>Without</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead over Nickel</b>
	Contact Layout	<b>Staggered</b>
	Solder Tail Contact Plating Material Finish	<b>Tin-Lead: Matte</b>
	Solder Tail Contact Plating Thickness (µin)	<b>100</b>
	Contact Base Material	<b>Brass</b>
<hr/>		
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length (mm)	<b>3.18, 5.08, 6.99, 8.9</b>
	Termination Post Length (in)	<b>.35</b>
<hr/>		
Mechanical Attachment	Mating Alignment Type	<b>Polarization</b>
	PCB Mount Retention	<b>Without</b>
<hr/>		
Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Material	<b>LCP (Liquid Crystal Polymer)</b>
	Housing Color	<b>Gray</b>
<hr/>		
Dimensions	Tail Length (mm)	<b>3.17, 6.9, 8.89</b>
	Tail Length (in)	<b>.125, .2, .275, .35</b>

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](#)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Rectangular Mil Spec Connectors](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[006-1169-16](#) [CSR31343-0001-00000](#) [CSR31346-0001-A0001](#) [CSR31899-0001-00000](#) [CSR31900-0001-A0001](#) [CTJ-3D-05](#) [CTS-S16/16](#)  
[M55302/57A36X](#) [M55302/58-A70Y](#) [65002-062](#) [65008-D08](#) [CY4602-000](#) [732-8020-01](#) [732-8021-02 B](#) [77058-22-55PN](#) [81542-20](#)  
[86.030.0053.0](#) [1241346-1](#) [RM252-020-311-2900](#) [DMC-M 08-16 SNE](#) [1589051-4](#) [BACC65CAMA](#) [BACC65CAMN](#) [BACC65CP1PN](#)  
[BACI10BC1220PN](#) [18023-9](#) [HSB-D4S03DM222X](#) [2217548-1](#) [891-009-15SA2-BRT1T](#) [SIM2S100A](#) [1604996-2](#) [SMD25PN90L-4055](#)  
[1925036-4](#) [220A012-25225-0](#) [22628-10-6P-791](#) [CSR31343-0001-A0001](#) [CSR31899-0001-A0001](#) [CSR31900-0001-00000](#) [33526M11-08PD](#)  
[RE04-212S](#) [CTD160E01F-6148](#) [CTJ112E03B](#) [CTJ122E02D-8000](#) [CTJ-3D-12](#) [CTJ920E06N-513](#) [CTJ920E12N-513](#) [CTL-16-090](#) [CTR06-](#)  
[5100SY](#) [M55302/63A20H](#) [M55302/66-30H](#)