



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

09 RCPT ACT PIN/MS MED SCRLK

AMPLIMITE | Action Pin

5747091-2

TE Internal Number: 5747091-2

Alias ID: 1363856

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION, ACTION PIN , VERTICAL, FRONT METAL SHELL

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

PDF
English

Product Specifications

Product Specification

Connector, AMPLIMITE, ACTION PIN

PDF
English

Application Specification

AMPLIMITE HD-20 Connectors With ACTION PIN Contacts

PDF
English

Qualification Test Report

Connector, AMPLIMITE*, ACTION PIN*

TIF
English

Connector, AMPLIMITE*, ACTION PIN*

PDF
English

Product Environmental Compliance

TE Material Declaration

MD 5747091 2 12122015120 dmtoc

Instruction Sheets

Instruction Sheet (U.S.)

[AMPLIMITE Connector HD-20 Shielded Cable Clamp Kits](#)
 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	Receptacle
	Shell Size	1
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector

Configuration Features	Number of Positions	9
	Number of Rows	2
	Preloaded	Yes

Body Features	Plastic	No
	Female Screwlock Material	Zinc
	Color Code	None
	Shell Plating Material	Tin
	Shell Material	Carbon Steel
	Post Size (in)	.012

Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold over Palladium Nickel, Gold

Termination Features	Termination Post Length	5.8 mm [.228 in]
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Grounding Clips

Without

Mechanical Attachment

PCB Mounting Style

Through Hole

PCB Mount Retention

With

PCB Mount Retention Type

Action/Compliant Tail, Mounting Holes

Mating Connector Lock

With

Mating Connector Lock Type

Female Screwlocks, Fixed

Panel Mount Retention

Without

Mounting Hole Diameter

3.05 mm [.12 in]

Housing Features

Centerline (in)

.108

Housing Color

Black

Housing Material

Nylon GF, Polyester GF

Dimensions

PCB Thickness (Recommended)

2.36 mm [.093 in]

Industry Standards

Approved Standards

UL E81956

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Tray

Packaging Quantity

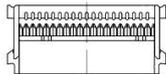
130

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS	HIGH VOLTAGE AUTOMOTIVE RELAYS	RIBBON CABLE CONNECTORS	
			
25 RCPT ACT PIN/MS MED INSRT 5745925-2	V23700-C0001-A408 2-1904058-5	609-2030LF FEM SOCKET, LEAD FREE 1-1658526-2	RP 1J 0.166W 102R 0.1% 25PPM 1K RL RP73PF1J102RBTF
Save to List Find Similar Products			

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDF for Flat Ribbon Cable
**09 POS HDF PLUG, MS,
LEAD FREE - 1658608-4**
TE INTERNAL NUMBER: 1658608-4

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDE (IDC) Insulation
**09 SHLDG ENCL PLUG,
LEAD FREE - 1-747944-5**
TE INTERNAL NUMBER: 1-747944-5

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDE (IDC) Insulation
**09 HDE MS PLUG, 22-26,
LEAD FREE - 1-745492-8**
TE INTERNAL NUMBER: 1-745492-8
ALIAS ID: A18649-000, AMP-1-0745492-8

Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

