+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

09 APIII RCPT 318 (SL,BL)

AMPLIMITE | SL , Standard

748979-1
TE Internal Number: 748979-1

Not EU RoHS or ELV Compliant
Find Compliant Alternatives

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSN, ALL PLASTIC, RIGHT ANGLE, .318 SERIES, AMPLIMITE III
PDF **(TIFF AVAILABLE)**
English

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSN, ALL PLASTIC, RIGHT ANGLE, .318 SERIES, AMPLIMITE III
PDF **(TIFF AVAILABLE)**
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

3D PDF
PDF
English

Product Specifications

Application Specification

AMPLIMITE III SERIES 318 AND 590 ALL-PLASTIC RIGHT-ANGLE PLUG AND RECEPTACLE CONNECTORS
PDF
English

AMPLIMITE III SERIES 318 AND 590 ALL-PLASTIC RIGHT-ANGLE PLUG AND RECEPTACLE CONNECTORS
TIF
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	**Right Angle**
	Grounding Straps	**Without**
	Shell Type	**All Plastic**
	Footprint	**8.08 mm [.318 in]**
	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	**Yes**
	Female Screwlock Material	**Zinc**
	Female Screwlock Plating Material	**Clear Chromate**
	Color Code	**None**
	Eyelet Plating Material	**Tin**
	Eyelet Material	**Brass**

Contact Features		
	Solder Tail Contact Plating Material	**Tin-Lead 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	**Female Screwlocks, Fixed**

Panel Mount Retention	**Without**	
Boardlock Material	**Copper Alloy**	
Mounting Hole Diameter (in)	**.125**	
Boardlock Plating Material	**Tin-Lead**	

Housing Features		
	Centerline (in)	**.108**
	Housing Color	**Black**
	Housing Material	**Nylon, Polyester**

Dimensions		
	PCB Thickness (Recommended)	**1.57 mm [.062 in]**

Industry Standards		
	UL Flammability Rating	**UL 94V-0**

Packaging Features		
	Packaging Method	**Package**
	Packaging Quantity	**130**

Product Compliance	
	Statement of Compliance
	PDF
	VIEW ALL PRODUCT COMPLIANCE

Products - 3 Results

View All   Compare 0/10 ⇄

Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE | HDF for Flat Ribbon Cable

09 POS HDF PLUG, AP, LEAD FREE - 1658611-4
TE INTERNAL NUMBER: 1658611-4

✔ 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

Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE | HDF for Flat Ribbon Cable

09 POS HDF PLUG, AP, LEAD FREE - 1658615-4
TE INTERNAL NUMBER: 1658615-4

✔ 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

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE | HDE (IDC) Insulation

09 HDE AP PLUG, LEAD FREE - 745203-9
TE INTERNAL NUMBER: 745203-9

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**