



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

TE CONNECTIVITY (TE)

AMP III RCPT 15P RA 590 FFSCRLK

AMPLIMITE | AM , Standard

5748948-1

TE Internal Number: 5748948-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (mm) **2.76**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 2, 15 POSN, ALL PLASTIC, RIGHT ANGLE, .590 SERIES, AMPLIMITE III

PDF **(TIFF AVAILABLE)**
English

RECEPTACLE ASSEMBLY, SIZE 2, 15 POSN, ALL PLASTIC, RIGHT ANGLE, .590 SERIES, AMPLIMITE III

PDF **(TIFF AVAILABLE)**
English

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_5748948-1_12122015123_dmtec

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	2
Profile	Standard
PCB Mounting Orientation	Right Angle
Grounding Straps	Without
Shell Type	All Plastic
Footprint	14.99 mm [.59 in]
Grounding Indents	Without

	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
Configuration Features	Number of Positions	15
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	Yes
	Female Screwlock Material	Zinc
	Female Screwlock Plating Material	Chromate
	Color Code	None
	Post Size	.66 mm [.026 in]
Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin
	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	Mounting Holes
	Mating Connector Lock	With
	Mating Connector Lock Type	Female Screwlocks, Fixed
	Panel Mount Retention	Without
	Mounting Hole Diameter	3.18 mm [.125 in]
Housing Features	Centerline (mm)	2.76
	Housing Color	Black
	Housing Material	Nylon GF, Polyester GF
Dimensions	PCB Thickness (Recommended)	2.36 mm [.047 – .063 in]

Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Package
	Packaging Quantity	112
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 3 Results


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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

**15 POS HDF PLUG, AP
- 1658611-3**

TE INTERNAL NUMBER: 1658611-3

✓ Active

Always EU RoHS/ELV Compliant


Connector Style **Plug**

Number of Positions **15**

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 HDF for Flat Ribbon Cable

**15 POS HDF PLUG, AP,
LEAD FREE - 1658615-3**

TE INTERNAL NUMBER: 1658615-3

✓ Active

Always EU RoHS/ELV Compliant


Connector Style **Plug**

Number of Positions **15**

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

15 HDE AP PLUG, LEAD
FREE - 745207-7

TE INTERNAL NUMBER: 745207-7

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

