



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

10 MODIV HSG DR MRKD .100 POL

AMPMODU | AMPMODU IV/V

87631-6

TE Internal Number: 87631-6
Alias ID: 403341357, 650-1099-01

Always EU RoHS/ELV Compliant

Centerline **2.54 mm [.1 in]**

Number of Positions **10**

Number of Rows **2**

Row-to-Row Spacing **2.54 mm [.1 in]**

Mating Retention **With**

Product Drawings

[CONNECTOR, MOD IV, CRIMP SNAP-IN, WITH DETENT](#)

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CAD Files

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

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English

Product Specifications

Product Specification

[AMPMODU Mod 1/2 Wire To Board Standard Pressure Contact Interconnection System](#)

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Application Specification

[AMPMODU MOD IV, IV1/2, And V Receptacles And Housings](#)

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Product Environmental Compliance

TE Material Declaration

[MD_87631-6_03072013513_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	Row-to-Row Spacing	2.54 mm [.1 in]
	Glow Wire Rating	Standard Part - Not Glow Wire
	Connector Type	Housing
	Connector Style	Receptacle
	Strain Relief	Without
	Product Type	Connector

Configuration Features	Number of Positions	10
	Number of Rows	2
	Number of Detents	1
	Stamped	Yes

Electrical Characteristics	Dielectric Withstanding Voltage	750 V
	Operating Voltage	250 VAC
	Termination Resistance	12 mΩ
	Insulation Resistance (MΩ)	5000

Contact Features	Contact Type	Socket
	Contact Base Material	Beryllium Copper
	Contact Current Rating (A)	3

Termination Features	Termination Method to Wire/Cable	Crimp
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Mechanical Attachment	Mating Retention	With
	Mating Retention Type	Latch
	Mating Connector Lock	With
	Mating Connector Lock Type	Detent Latching
	Mating Alignment	With
	Lock Type	Latch
	Mating Alignment Type	Latch

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Configuration	Both Ends Closed
	Housing Color	Black

Housing Material

Nylon - GF

Dimensions

Height

3.14 mm [.24 in]

Length

12.7 mm [.5 in]

Usage Conditions

Operating Temperature Range (°C)

-65 – 105

Flame Retardant

Yes

Operation/Application

For Use With

Header

Industry Standards

Approved Standards

CSA LR7189, UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

1

Packaging Method

Package

Other

Comment





Cavity identification, AMP, part number and date code stamped on housing where size permits., Strain reliefs may be purchased separately. Refer to Strain Relief Part No. 87921-1 (for 10 thru 18 positions) or Strain Relief Part No. 87710-1 (for 20 positions and larger).

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - FFC Connectors
FFC | FFC

010 HOUSING FFC PIN DR 100CL - 3-88189-0

TE INTERNAL NUMBER: 3-88189-0

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Plug**

Centerline **2.54 mm**

Number of Positions **10**

Number of Rows **2**



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