TE Connectivity: Every Connection Counts
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+ CONNECTORS
MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

10 MODII HDR DRST B/A .100CL

AMPMODU
|
AMPMODU Headers

103783-5
TE Internal Number: 103783-5

Not EU RoHS Compliant
Not EU ELV Compliant

Number of Positions 10
Centerline (Pitch) 2.54 mm [.1 in]
Connector & Contact Terminates To Printed Circuit Board
Connector Style Plug
Header Type Breakaway

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION —

Product Drawings

ASSEMBLY, MOD II, HEADER, BREAKAWAY, DOUBLE ROW, .100X
PDF
English

CAD Files

3D PDF
PDF

Downloaded from Arrow.com.

3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Product Environmental Compliance

TE Material Declaration

10 MODII HDR DRST B/A .100CL
PDF
English

FEATURES

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 & Contact Terminates To Printed Circuit Board
Connector Style Plug
Header Type Breakaway
PCB Mounting Orientation Vertical
Connector Type Header
Row-to-Row Spacing 2.54 mm [.1 in]
Gasket Without
Product Type Connector
Profile Standard
Stabilizers Without
Board Standoff Without
Strain Relief Without

Configuration Features

Selectively Loaded No
Number of Positions 10
Number of Rows 2
Keyed No

Electrical Characteristics

Dielectric Withstanding Voltage 750 V
Voltage (VAC) 30

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Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin-Lead over Nickel
Contact Current Rating (Max) (A) 3
Contact Base Material Phosphor Bronze
Contact Type Pin
Contact Mating Area Plating Thickness (µin) 30
Contact Mating Area Plating Material Gold
Contact Shape Square
Contact Protection Without

Termination Features

Termination Method to PC Board Through Hole
Termination Post Length 2.29 mm [.09 in]
Termination End Plating Thickness (µin) 100 – 200
Termination End Plating Material Matte Tin-Lead

Mechanical Attachment

Panel Mount Retention Without
Mating Connector Lock Without
PCB Mounting Style Through Hole
PCB Mount Retention Without
Mating Alignment Without

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material Thermoplastic
Housing Color Black

Dimensions

PCB Thickness (Recommended) 1.57 mm [.062 in]
Mating Post Length 5.84 mm [.23 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 105
High Temperature Housing No

Operation/Application

High Speed Serial Data Connector No

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Industry Standards

Approved Standards CSA LR7189, UL E28476
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 320
Packaging Method Carton

Other

Comment Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult TE Connectivity.

Statement of Compliance

Statement of Compliance
PDF

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

650075-000 917696-1 936348-1 CPF0402B37K4E1 2834055-1 1-794222-0 1-962915-1 ROX05SJ18R 1969656-1 RH73H2A40MKTN SBCHE64R7K U5254-000005-030PA 1903112-2 3430B2F51RTDF 3631B101LL CRGCQ2010J3K3 2377783-2 3-1393225-0 MPT100C18RF 141991-2 2005330-1 2310537-1 SMW73R0JT 1393431-1 2-292161-3 SBCHE154R7K TE50BR39J 2380312-2 1743455-2 175977-2