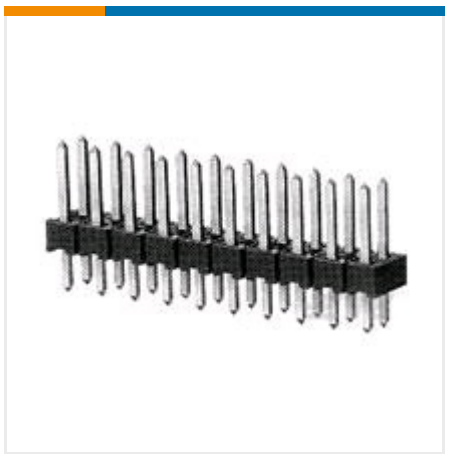
TE Connectivity: Every Connection Counts
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CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

06 MODII HDR DRST B/A 100 W/HD

AMPMODU | AMPMODU Headers

5-146264-3
TE Internal Number: 5-146264-3

EU RoHS Compliant
EU ELV Compliant

Number of Positions 6

Centerline (Pitch) 2.54 mm [.1 in]

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Breakaway

PRODUCT DRAWING
English

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, MOD , BREAKAWAY,DOUBLE ROW, .100 X.100 CL , VERTICAL, WITH RETENTION FEATURE, .025 SQ.POSTS, HIGH TEMPERATURE

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_5-146264-3_082120131128_dmtec

PDF

English

FEATURES

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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
Profile Standard
Product Type Connector
Stabilizers Without
Board Standoff With
Strain Relief Without

Configuration Features

Selectively Loaded No
Number of Positions 6
Number of Rows 2
Keyed No

Electrical Characteristics

Dielectric Withstanding Voltage 750 V
Voltage (VAC) 30

Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Solder Tail Contact Plating Material Finish Tin: Matte
Contact Protection Without
Contact Shape Square
Contact Current Rating (Max) (A) 3
Contact Base Material Phosphor Bronze
Contact Type Pin
Contact Mating Area Plating Thickness (µin) 15
Contact Mating Area Plating Material Gold

Termination Features

Termination Method to PC Board Surface Mount, Through Hole
Termination Post Length 3.18 mm [.125 in]
Termination End Plating Thickness (µin) 100 – 200
Termination End Plating Material Matte Tin-Lead

Mechanical Attachment

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Panel Mount Retention Without
Mating Connector Lock Without
PCB Mounting Style Through Hole
PCB Mount Retention With
Mating Alignment Without
PCB Mount Retention Type Retention Solder Tails

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 8.08 mm [.318 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 105
High Temperature Housing Yes

Operation/Application

High Speed Serial Data Connector No

Industry Standards

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

Packaging Features

Packaging Quantity 520
Packaging Method Carton

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

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