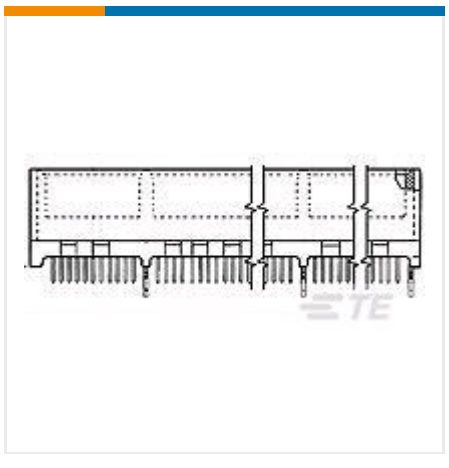
TE Connectivity: Every Connection Counts
© 2017 TE Connectivity Ltd. family of companies. All Rights Reserved

CONNECTORS

PCI & PCI EXPRESS CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

CONNECTOR ASSEMBLY, DUAL POSIT

PCI EXPRESS

5145168-8
TE Internal Number: 5145168-8

EU RoHS Compliant
EU ELV Compliant

Number of Positions 184

Centerline (Pitch) 1.27 mm [.05 in]

Termination Post Length 3.18 mm [.125 in]

Contact Mating Area Plating Thickness (µin) 30

PCB Mounting Orientation Vertical

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

CONNECTOR ASSEMBLY, 92 DUAL POSITION, 1.27 (.050) SERIES
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Downloaded from Arrow.com.

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_5145168-8_090820112337

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

PCB Mounting Orientation Vertical
Type of Connector Card Edge
Product Type Connector

Configuration Features

Number of Positions 184
Ejector Without
Number of Hold-Downs 3

Electrical Characteristics

Voltage (VAC) 203
Operating Voltage (VAC) 203

Body Features

Hold-Down Material Brass
Weight (g) 17.65
Bus Width 64 Bit

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Contact Mating Area Plating Thickness (µin) 30
Contact Base Material Phosphor Bronze
Contact Mating Area Plating Material Gold
Solder Tail Contact Plating Thickness (µm) 2.537

Termination Features

Termination Post Length 3.18 mm [.125 in]

Downloaded from Arrow.com.

Mechanical Attachment

PCB Mounting Style Through Hole
PCB Mount Retention Type Hold-Down Posts

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]
Housing Color Natural
Hold-Down Plating Material Tin over Nickel
Housing Material High Temperature Thermoplastic

Dimensions

Height 13.97 mm [.55 in]
Width 8.88 mm [.35 in]
PCB Thickness (Accepted) 1.57 mm [.062 in]
Length 128 mm [5.039 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 85

Operation/Application

Pick and Place Cover Without

Industry Standards

Bus Type PCI

Packaging Features

Packaging Method Box
Packaging Quantity 35

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

Downloaded from Arrow.com.