

1658912 -3 Product Details

Live Product Chat



1658912 -3

TE Part Number: 1658912 -3

Active

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Memory Sockets

Always EU RoHS/ELV Compliant ([Statement of Compliance](#))

Product Highlights:

- ? DIMM
- ? Gold (30) Contact Mating Area Plating Material
- ? Number of Positions = 240
- ? DRAM Type = Double Data Rate (DDR) II
- ? DRAM Voltage = 1.8 V

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Documentation & Additional Information

Product Drawings:

- ? [SOCKET ASSEMBLY 25 DEGREE DDR II DIMM 240 POSITION, ...](#) (TIF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? None Available

Application Specifications:

- ? [25 Degree DDR II DIMM 240 -Position Connector](#) (PDF, English)

Instruction Sheets:

- ? None Available

CAD Files: ([CAD Format & Compression Information](#))

- ? [2D Drawing](#) (DXF, Version A)
- ? [3D Model](#) (IGES, Version A)
- ? [3D Model](#) (STEP, Version A)

[List all Documents](#)

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Type](#) = DIMM
- ? [Number of Positions](#) = 240
- ? [DRAM Type](#) = Double Data Rate (DDR) II
- ? [Module Orientation](#) = 25°
- ? PCB Retention Feature = Yes

Mechanical Attachment:

- ? [Center Retention Hole Diameter \(mm \[in\]\)](#) = 1.80 [0.070]
- ? Keying = Standard
- ? Center Retention Hole Diameter = 1.80 x 2.45 mm

Electrical Characteristics:

- ? [DRAM Voltage](#) = 1.8 V

Termination Related Features:

- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 4.00 [0.157]
- ? Solder Tail Contact Plating = Matte Tin over Nickel

Body Related Features:

- ? [Row-to-Row Spacing \(mm \[in\]\)](#) = 1.90 [0.075]
- ? [Centerline \(mm \[in\]\)](#) = 1.00 [0.039]
- ? [Number of Rows](#) = Dual
- ? Ejector Type = Standard
- ? [Ejector Location](#) = Both Ends
- ? Center Post = With
- ? [Number of Keys](#) = 1
- ? Socket Type = DIMM
- ? PCB Retention Method = Boardlock(s)
- ? Latch Material = High Temperature Thermoplastic

Contact Related Features:

- ? Contact Mating Area Plating Material = Gold (30)
- ? [Contact Mount](#) = Thru Hole
- ? Contact Material = Copper Alloy
- ? [Retention Post\(s\) Location](#) = Both Ends

Housing Related Features:

- ? Housing Material = High Temperature Thermoplastic
- ? Housing Color = Black
- ? Housing Flammability Rating = UL 94V -0

Configuration Related Features:

- ? [Insertion Style](#) = Direct Insert
- ? Center Key (mm [in]) = Center
- ? Latch Color = Natural

Industry Standards:

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C
- ? RoHS/ELV Compliance History = Always was RoHS compliant

Operation/Application:

- ? Application Type = DDR II

Packaging Related Features:

- ? Packaging Method = Tray

Other:

- ? Brand = Tyco Electronics