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Part Number: [0786030001](#)
Status: **Active**
Overview: [DDR3 DIMM Sockets](#)
Description: 1.00mm Pitch Aerodynamic DDR3 DIMM Socket, Low Profile, Vertical, Surface Mount, Black Housing and Latches, 0.76µm Gold (Au Plating, 3.18mm PCB Thickness, 240 Circuits, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-78603-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78603-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78603](#)
 Component Type Socket
 JEDEC Outline SO-014
 Overview [DDR3 DIMM Sockets](#)
 Product Name DDR3 DIMM
 UPC 884982401389

Physical

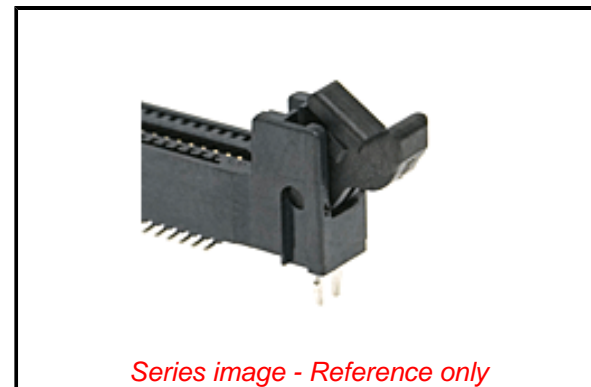
Circuits (Loaded) 240
 Circuits (maximum) 240
 Durability (mating cycles max) 25
 Entry Angle Vertical
 Flammability 94V-0
 Housing Color Black
 Keying to Mating Part Yes
 Latch Color Black
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 6.462/g
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 3.18mm
 Packaging Type Tray
 Pitch - Mating Interface 1.00mm
 Pitch - Termination Interface 1.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.0A
 Voltage - Maximum 30V AC (RMS)/DC
 Voltage Key Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
 Lead-freeProcess Capability REFLOW



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[78603 Series](#)

Mates With

JEDEC Standard 1.27mm Modules

Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-78603-001
Product Specification	PS-78603-001
Sales Drawing	SD-78603-001

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