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Part Number: [0783590001](#)
Status: **Active**
Overview: [DDR3 DIMM Sockets](#)
Description: 1.00mm Pitch DDR3 DIMM Socket, Very Low Profile, 25° Angle, Through Hole, with Beveled Metal Pins, Black Housing and Latches, 0.76µm Gold (Au) Plating, 2.79mm Solder Tail Length, 1.57mm PCB Thickness, 1.5V Center Voltage Key,

Documents:

[3D Model](#) [Product Specification PS-78359-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78359](#)
 Application Tooling Part Link 62100-1960
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-269
 Overview [DDR3 DIMM Sockets](#)
 Product Name DDR3 DIMM
 UPC 883906305840

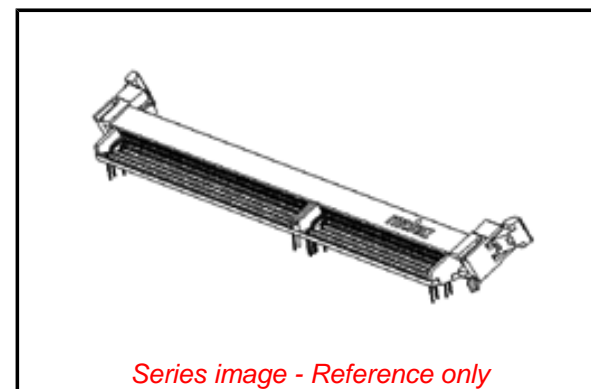
Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black
 Durability (mating cycles max) 25
 Entry Angle 25° Angle
 Flammability 94V-0
 Function Key None
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 10.859g
 PC Tail Length 2.79mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm
 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 Through Hole

Electrical

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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[78359](#) Series

Mates With

JEDEC Standard 1.27mm Modules

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
MiniDIMM Memory Card Insertion Tool	0621001960

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-78359-001
Product Specification	PS-78359-001
S-Parameter Model	SP-78359-001
Sales Drawing	SD-78359-001

This document was generated on 08/18/2015

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