

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0783590111**  
**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, 4.00mm Solder Tail Length, 2.59mm PCB Thickness, 1.5V Center Voltage Key,

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

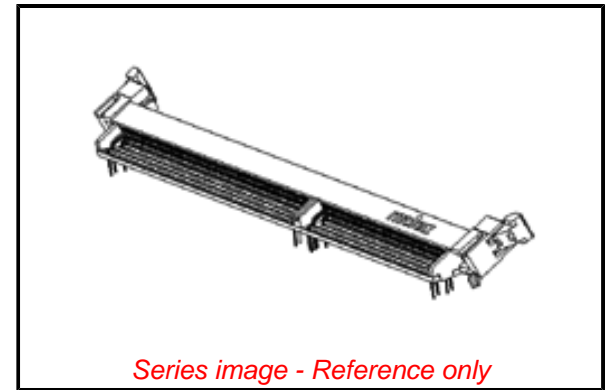
Product Family Memory Module Sockets  
 Series 78359  
 Application Tooling Part Link 62100-1960  
 Component Type Socket  
 Electrical Model Yes  
 JEDEC Outline MO-269  
 Overview DDR3 DIMM Sockets  
 Product Name DDR3 DIMM  
 UPC 883906302191

**Physical**

Circuits (Loaded) 240  
 Circuits (maximum) 240  
 Durability (mating cycles max) 25  
 Entry Angle 25° Angle  
 Flammability 94V-0  
 Function Key None  
 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 High Temperature Thermoplastic  
 Net Weight 10.866/g  
 PC Tail Length 4.00mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.59mm  
 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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2018 (15  
 January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

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	<u>0621001960</u>

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process 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-78359-001-001
S-Parameter Model	SP-78359-001
Sales Drawing	SD-78359-001-001

This document was generated on 07/12/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**