

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0788601566](#)
Status: **Active**
Overview: [DDR4 DIMM Sockets](#)
Description: DDR4 DIMM Socket, Ultra-Low-Profile, Vertical Through-Hole, 0.381µm Gold Plating, 288 Circuits, PCB Thickness 2.36mm, 3.18mm Tail Length, Natural (Off White) Housing, Black Latch

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Memory Module Sockets
 Series [78860](#)
 Comments Natural (Off-White) Housing, Black Latch
 Component Type Socket
 Electrical Model Yes
 JEDEC Outline MO-309
 Overview [DDR4 DIMM Sockets](#)
 Product Name DDR4 DIMM
 UPC 889056180962

Physical

Circuits (Loaded) 288
 Circuits (maximum) 288
 Color - Resin Natural (Off White)
 Durability (mating cycles max) 25
 Entry Angle Vertical (Top Entry)
 Flammability 94V-0
 Keying to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Matte Tin
 Material - Resin Nylon
 Net Weight 5.314/g
 PC Tail Length 3.18mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.36mm
 Packaging Type Tray
 Pitch - Mating Interface 0.85mm
 Pitch - Termination Interface 0.85mm
 Plating min - Mating 0.381µm
 Plating min - Termination 2.540µm
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 0.75A
 Voltage - Maximum 29V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-free Process Capability SMC&WAVE
 Max. Cycles at Max. Process Temperature 002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

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

[78860 Series](#)

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-78860-002
Product Specification	RPS-78860-001
S-Parameter Model	SP-78860-002
Sales Drawing	SD-78860-001

This document was generated on 10/28/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION