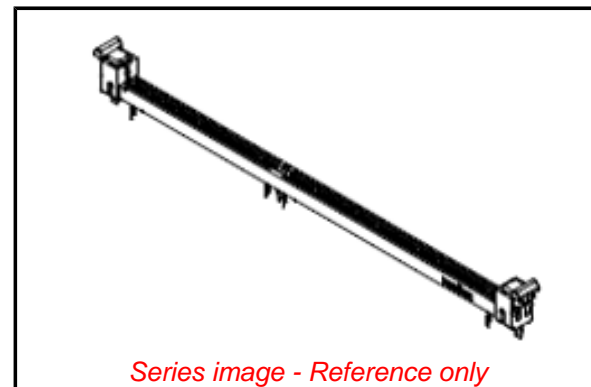


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Part Number: **0785880002**
Status: **Active**
Overview: DDR3 DIMM Sockets
Description: 1.00mm Pitch DIMM DDR3 Socket, Ultra Low Profile, Through Hole, Vertical, Black with Black Latches, 1.5V Voltage Key, 240 Circuits, 0.762mm Gold (Au) Plating, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-78588-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-78588-002 (PDF) |
| Product Specification PS-78588-002 (PDF) | RoHS Certificate of Compliance (PDF) |



Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|------------------|--------------------------|
| Product Family | Memory Module Sockets |
| Series | <u>78588</u> |
| Component Type | Socket |
| Electrical Model | Yes |
| JEDEC Outline | PS-001 |
| Overview | <u>DDR3 DIMM Sockets</u> |
| Product Name | DDR3 DIMM |
| UPC | 884982911888 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 240 |
| Circuits (maximum) | 240 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Entry Angle | Vertical |
| Flammability | 94V-0 |
| Keying to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin, Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 5.385/g |
| PC Tail Length | 3.18mm |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.36mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.00mm |
| Plating min - Mating | 0.762µm |
| Temperature Range - Operating | -55°C to +85°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 29V AC (RMS)/DC |
| Voltage Key | Center |

Solder Process Data

| | |
|--|----------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-free Process Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 002 |
| Process Temperature max. C | 260 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

78588 Series

Mates With

JEDEC Standard 1.27mm Modules

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--|
| Application Specification | AS-78588-001 |
| Electrical Model Document | EE-78588-001 |
| Packaging Specification | PK-78588-002 |
| Product Specification | PS-78588-002, RPS-78588-001CC, RPS-78588-002 |
| S-Parameter Model | SP-78588-001 |
| Sales Drawing | SD-78588-002 |

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