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Part Number:

0879180301

Status:

Active

Overview:

MiniDIMM Sockets

Description:

0.60mm Pitch miniDIMM DDR3 Socket, Surface Mount, Right-Angle, 1.5V Key, 244 Circuits, Natural (Off White) Latch, Lead-Free

Documents:

3D Model

Application Specification AS-87782-001-001 (PDF)

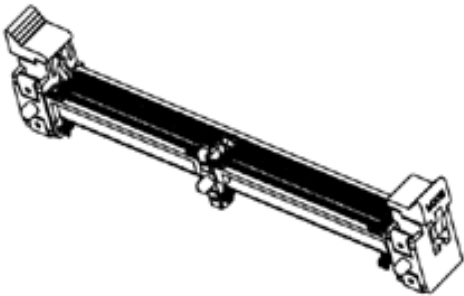
Drawing (PDF)

Packaging Specification PK-87918-002-001 (PDF)

Product Specification PS-87918-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
Application tooling part link	
Application Tooling Part Link	62100-1900
Application Tooling Part Link	62100-1950
General	
Product Family	Memory Module Sockets
Series	87918
Component Type	Socket
JEDEC Outline	MO-244
Overview	MiniDIMM Sockets
Product Name	MiniDIMM
Taxonomy	Memory Module Connectors
UPC	883906425876
Physical	
Circuits (Loaded)	244
Circuits (maximum)	244
Durability (mating cycles max)	25
Entry Angle	90° Angle (Side Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.880/g
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	0.60mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	30V
Voltage Key	1.5V



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained per -	
D(2022)9120-DC (17	
Jan 2023)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

87918 Series

Mates With

JEDEC MO-244 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	621001900
Card Extraction Tool	
MiniDIMM Memory	621001950
Card Insertion Tool	

Solder Process Data

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

Application Specification	AS-87782-001-001
Electrical Model Document	EE-87918-001-001, EE-87918-003-001
Packaging Specification	PK-87918-002-001
Product Specification	PS-87918-001-001
S-Parameter Model	SP-87918-001-001, SP-87918-003-001
Sales Drawing	SD-87918-001-001

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