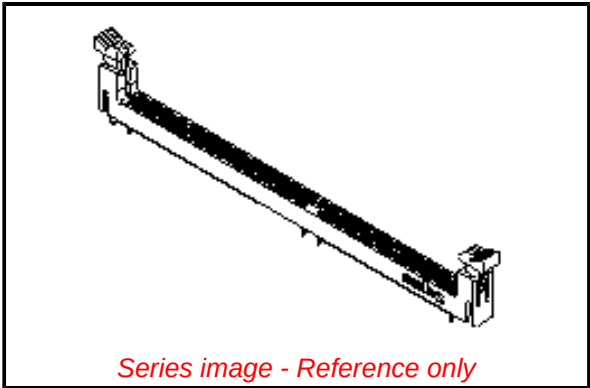


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Part Number: [0879770021](#)
Status: **Active**
Overview: [Memory Module Sockets](#)
Description: 1.00mm Pitch Fully Buffered DIMM Socket, Vertical, Press-Fit, 240 Circuits, 1.8V Center Voltage Key, with Plastic Locating Peg and Press-Fit Metal Pins, with Off-White Latches, 0.38µm Gold (Au) Plating, Lead-Free

Documents:
[3D Model](#) [Product Specification PS-87977-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Application Specification AS-87746-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	87977
Comments	Solder Tail Length at 3.15mm
Component Type	Socket
JEDEC Outline	MO-256
Overview	Memory Module Sockets
Product Name	FB DIMM
UPC	822350315906
Physical	
Circuits (Loaded)	240
Circuits (maximum)	240
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	Yes
Latch Color	Natural (Off-White)
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.650/g
PC Tail Length	3.15mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.30mm
Packaging Type	Tray
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.381µm
Plating min - Termination	0.381µm
Temperature Range - Operating	-10° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	30V
Voltage Key	1.8V, Center
Solder Process Data	
Lead-freeProcess Capability	N/A



EU ELV Not Relevant	
EU RoHS Not Reviewed REACH SVHC Not Contained Per - ED/30/2017 (7 July 2017) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[87977 Series](#)

Mates With
JEDEC MO-256 Modules

Material Info

Reference - Drawing Numbers

Application Specification	AS-87746-001-001
Electrical Model Document	EE-87977-001-001
Product Specification	PS-87977-001-001
S-Parameter Model	SP-87977-001-001
Sales Drawing	SD-87977-020

This document was generated on 07/27/2021

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