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Part Number: 0877830301
Status: Active
Overview: MiniDIMM Sockets
Description: 0.60mm Pitch miniDIMM DDR3 Socket, Surface Mount, 22.5° Angle, 0.76µm Gold (Au) Plating, Off-White Latches, with Pick-and-Place Cap, 244 Circuits, 1.5V Voltage Key, Lead-Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-87783-001 (PDF)
- Application Specification AS-87782-001 (PDF)
- Packaging Specification PK-87783-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	87783
Comments	<LI>Latches in Off-White Color
Component Type	Socket
Electrical Model	Yes
JEDEC Outline	MO-244
Overview	MiniDIMM Sockets
Product Name	MiniDIMM
UPC	883906426255
Physical	
Circuits (Loaded)	244
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	22.5° Angle
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.031/g
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	0.60mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	30V
Voltage Key	1.5V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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

Halogen-Free Status
Not 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	Green Image
ELV	Not Relevant

Search Parts in this Series
87783 Series

Mates With
JEDEC MO-244 Modules

Material Info

Reference - Drawing Numbers

Application Specification	AS-87782-001
Electrical Model Document	EE-87783-001
Packaging Specification	PK-87783-001
Product Specification	PS-87783-001
S-Parameter Model	SP-87783-001
Sales Drawing	SD-87783-001

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