

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0712433001

Status:

Active

Description:

1.27mm (.050") Pitch DDR DIMM Socket, Single Key, Vertical, 184 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-71243-9999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Component Type

JEDEC Outline

Product Name

Memory Module Sockets

71243

Memory Module

MO-206

DDR DIMM, DIMM

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Entry Angle

Flammability

Function Key

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Temperature Range - Operating

Termination Interface: Style

184

184

Black, Natural

25

Vertical

94V-0

None

Yes

Phosphor Bronze, Stainless Steel

Gold

Tin

High Temperature Thermoplastic

0.127 In

3.23 mm

Yes

Yes

0.062 In

1.57 mm

Tray

0.050 In

1.27 mm

0.050 In

1.27 mm

2

0.05

150

3.81

-40°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

Voltage Key

1A

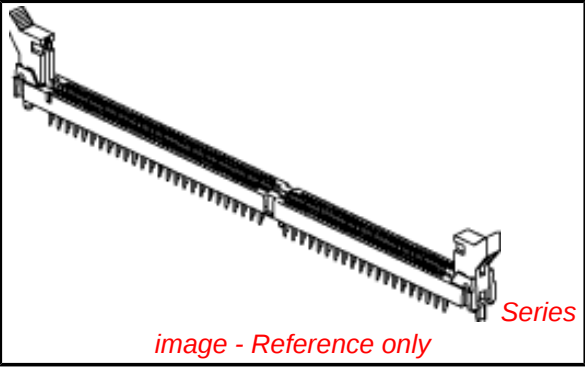
100V AC (RMS)/DC

Center

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
71243Series

Mates With
JEDEC MO-206 modules

Material Info

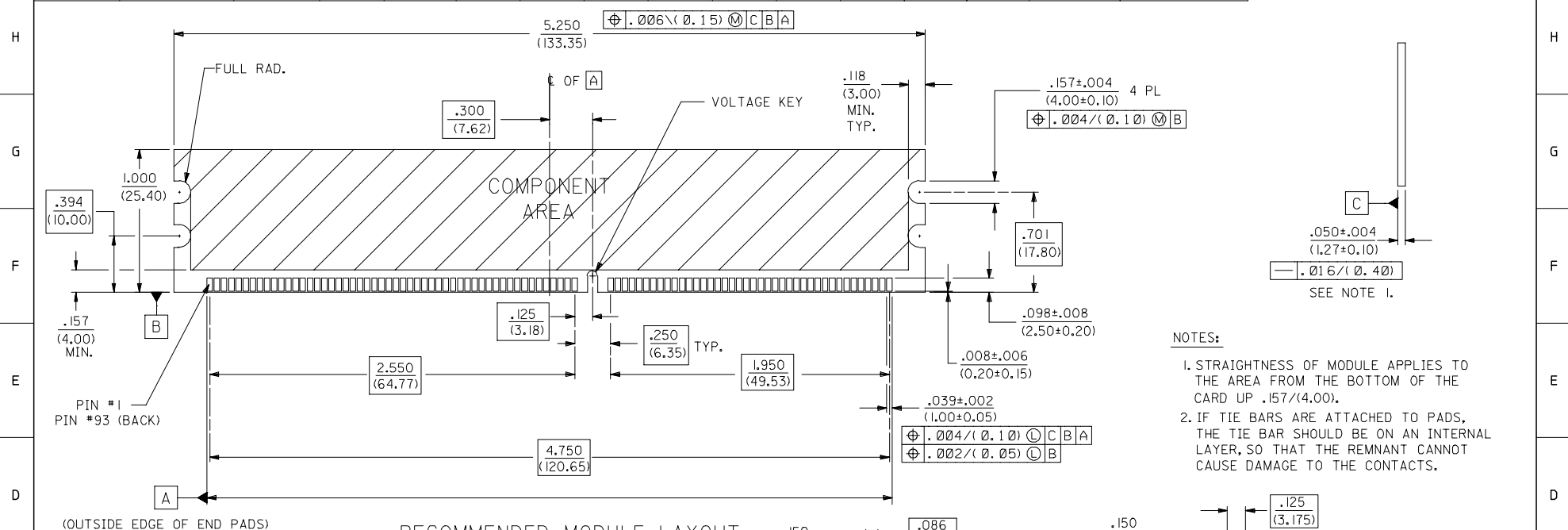
Reference - Drawing Numbers

Product Specification	PS-71243-9999
Sales Drawing	SDA-71243-3***

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	13	12	11	10	9	8	7	6	5	4	3	2	1			
	PART NUMBER	DESCRIPTION	VOLTAGE KEY	PEG A	PEG B	PEG C	DIM. "P"	DIM. "S"	DIM. "T"	DIM. "V"	DIM. "W"	DIM. "X"	DIM. "Y"	DIM. "Z"	LATCH COLOR	TERMINAL TYPE
J	71243-3001	1.8 VOLT VDDQ	CENTER	PLASTIC PEG	METAL FORKLOCK	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.135 (3.43)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	WHITE	NOT LUBRICATED
	71243-3002	2.5 VOLT VDDQ	OFFSET LEFT	PLASTIC PEG	METAL FORKLOCK	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.135 (3.43)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	WHITE	NOT LUBRICATED
I	71243-3004	1.8 VOLT VDDQ	CENTER	PLASTIC PEG	METAL FORKLOCK	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.135 (3.43)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	WHITE	LUBRICATED
	71243-3005	2.5 VOLT VDDQ	OFFSET LEFT	PLASTIC PEG	METAL FORKLOCK	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.135 (3.43)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	WHITE	LUBRICATED
	71243-3007	2.5 VOLT VDDQ	OFFSET LEFT	PLASTIC PEG	NONE	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	WHITE	NOT LUBRICATED	
	71243-3009	1.8 VOLT VDDQ	CENTER	PLASTIC PEG	METAL FORKLOCK	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.135 (3.43)	.970 (24.64)	.113 (2.87)	.250 (6.35)	.410 (10.41)	BLACK	NOT LUBRICATED



- NOTES:
1. STRAIGHTNESS OF MODULE APPLIES TO THE AREA FROM THE BOTTOM OF THE CARD UP .157/(4.00).
 2. IF TIE BARS ARE ATTACHED TO PADS, THE TIE BAR SHOULD BE ON AN INTERNAL LAYER, SO THAT THE REMNANT CANNOT CAUSE DAMAGE TO THE CONTACTS.

PLATING:

CONTACT AREA NOT LUBRICATED:
GOLD (Au) FLASH: THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER),
OVER PALLADIUM-NICKEL (Pd-Ni): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

CONTACT AREA LUBRICATED:
MOLEX EBI LUBRICANT APPLIED OVER GOLD (Au) FLASH:
THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER),
OVER PALLADIUM-NICKEL (Pd-Ni): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

SOLDER TAILS:
TIN (Sn): THICKNESS=.150 MICROINCH/(3.81 MICROMETER) MINIMUM.

UNDERPLATE:
NICKEL (Ni) OVER ENTIRE TERMINAL.

OFFSET LEFT KEY

CENTERED KEY

ADD 71243-3009
EC NO: UCP2005-2368
DRAWN BY: CHKD:SMART
APPR: SMILLER

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	±.005
3 PLACES ±	---	±.01
2 PLACES ±	0.13	±.01
1 PLACE ±	0.25	±.01
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM

SCALE: 2:1

DESIGN UNITS: INCH

THIRD ANGLE PROJECTION

TITLE: SALES ASSEMBLY 0505/1.27 PITCH SINGLE KEY 184 CKT DDR DIMM

MATERIAL NO.: SEE TABLE

DOCUMENT NO.: SDA-71243-3***

SHEET NO.: 2 OF 2