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Part Number:

0712433004

Status:

Active

Description:

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

Documents:

3D Model

Drawing (PDF)

Product Specification PS-71243-9999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Component Type

JEDEC Outline

Product Name

Memory Module Sockets

71243

Memory Module

N/A

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)

Temperature Range - Operating

Termination Interface: Style

184

184

Black, Natural

25

Vertical

94V-0

None

Yes

Phosphor Bronze, Stainless Steel

Gold

Nickel

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

-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

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

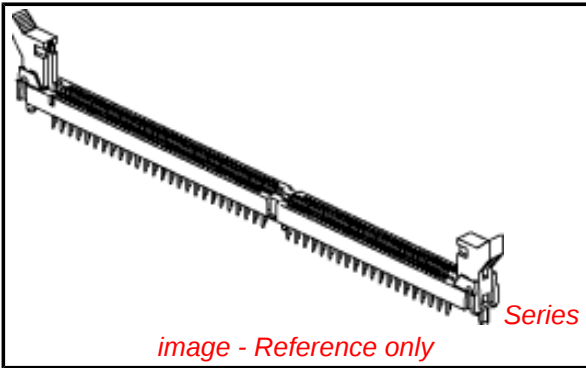
40

Wave Capable (TH only)

3

245

Material Info



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

Reference - Drawing Numbers

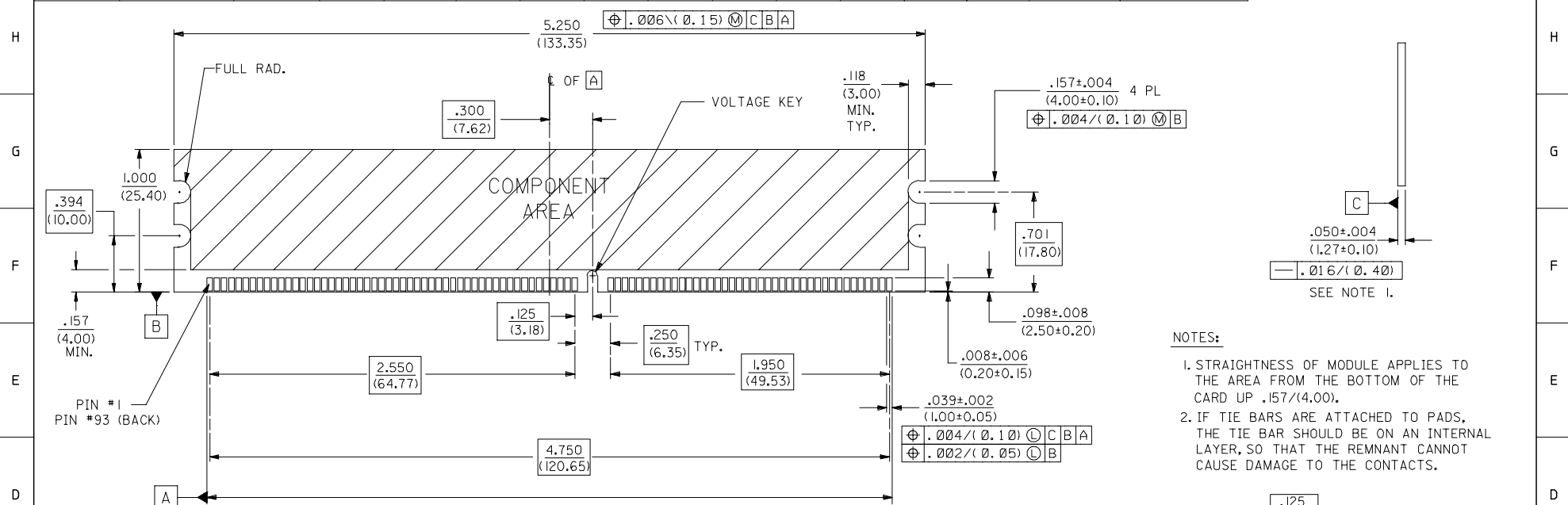
Product Specification
Sales Drawing

PS-71243-9999
SDA-71243-3***

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	13	12	11	10	9	8	7	6	5	4	3					
	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.

RECOMMENDED MODULE LAYOUT 184 CKT 3.3V SHOWN

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:

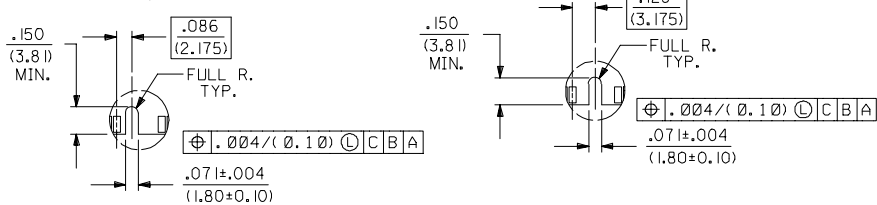
MOLEX EBI LUBRICANT APPLIED OVER GOLD (Au) FLASH:
THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER),
OVER PALLADIUM-NICKEL (Pd-Ni): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

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 2005/04/29 DRAWN: SMART 2005/05/03 CHKD: SMART 2005/05/03 APPR: MILLER 2005/05/05 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
	 =0	4 PLACES ± --- ± ---	DRAWN BY JCL	DATE 09/25/1997	TITLE SALES ASSEMBLY 0505/1.27 PITCH SINGLE KEY 184 CKT DDR DIMM			
	 =0	3 PLACES ± --- ±.005	CHECKED BY JCL	DATE 09/25/1997				
		2 PLACES ± 0.13 ±.01	APPROVED BY JCL	DATE 09/25/1997	MOLEX MOLEX INCORPORATED			
		1 PLACE ± 0.25 ± ---						
		ANGULAR ±1/2°	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SDA-71243-3***		2 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SEE TABLE

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