

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0712433009

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)

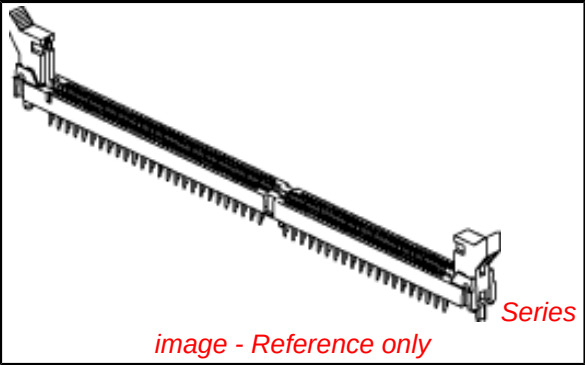
RoHS Certificate of Compliance (PDF)

General	
Product Family	Memory Module Sockets
Series	71243
Component Type	Memory Module
JEDEC Outline	N/A
Product Name	DIMM
Physical	
Circuits (Loaded)	184
Circuits (maximum)	184
Color - Resin	Black
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Function Key	None
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PC Tail Length (in)	0.127 In
PC Tail Length (mm)	3.23 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.81
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	100V AC (RMS)/DC
Voltage Key	Center

Material Info

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



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.

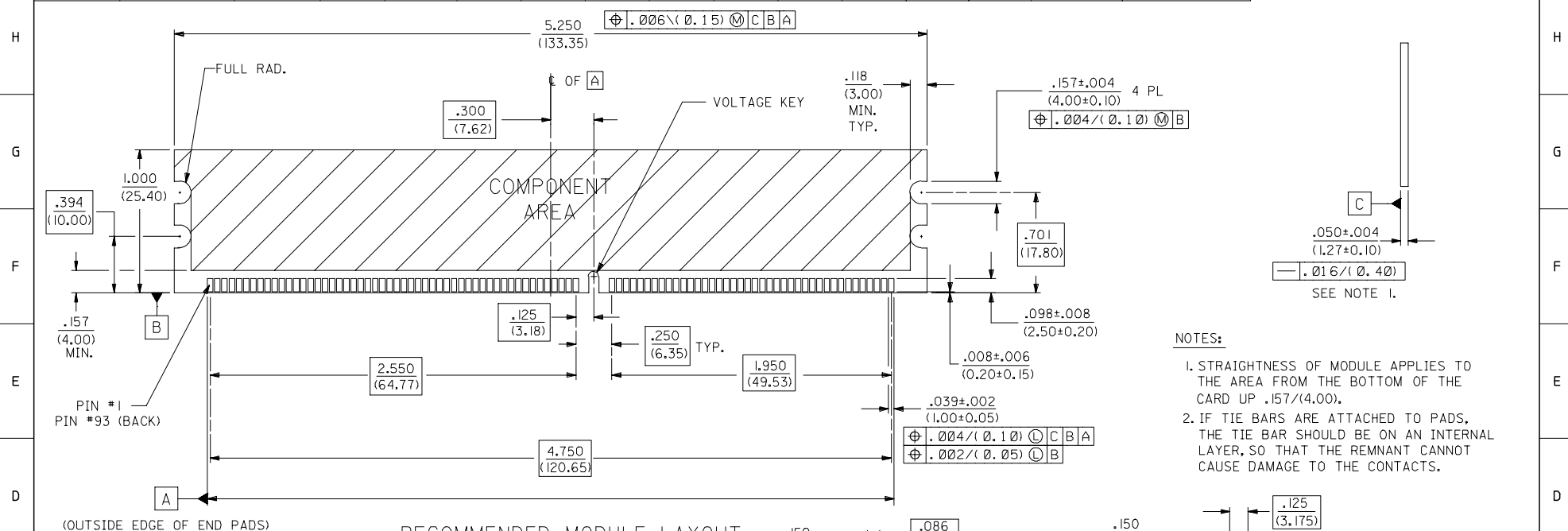
Search Parts in this Series

71243Series

This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

	13	12	11	10		9		8		7		6		5	4	
	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:

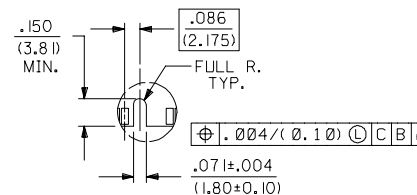
MOLEX EBI LUBRICANT APPLIED OVER GOLD (Au) FLASH:
THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER),
OVER PALLADIUM-NICKEL (Pd-Ni): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

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