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Part Number:

0712435100

Status:

Active

Description:

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

Documents:

3D Model

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-71243-9999 (PDF)

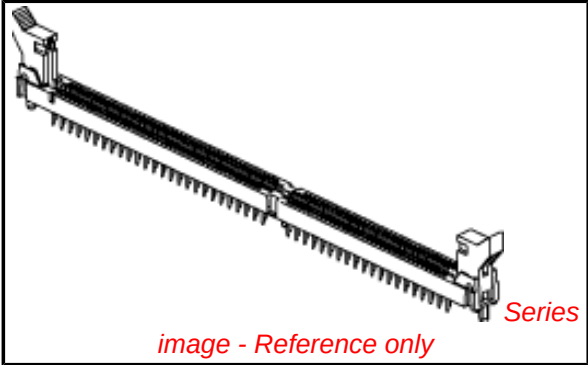
RoHS Certificate of Compliance (PDF)

General	
Product Family	Memory Module Sockets
Series	71243
Comments	With Short Latches
Component Type	Memory Module
JEDEC Outline	N/A
Product Name	DIMM
Physical	
Circuits (Loaded)	184
Circuits (maximum)	184
Color - Resin	Black, Natural
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	Left

Material Info

Reference - Drawing Numbers	
Product Specification	PS-71243-9999
Sales Drawing	SD-71243-003



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](#)

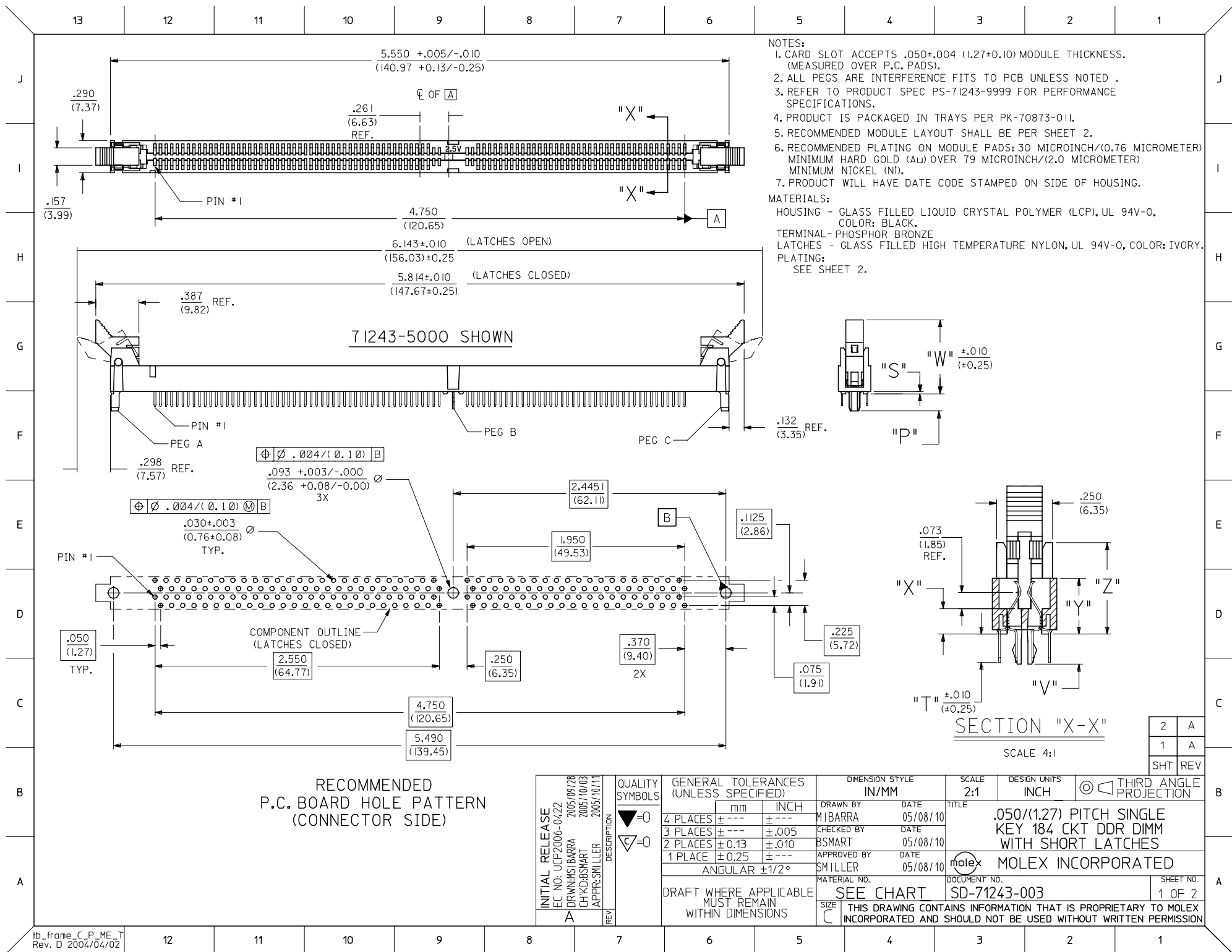
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

71243Series

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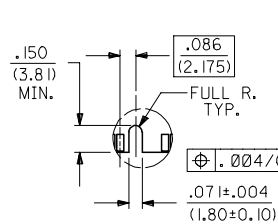
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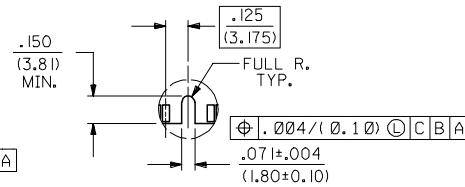
13	12	11	10	9	8	7	6	5	4	3	2	1				
PART NUMBER	DESCRIPTION	VOLTAGE KEY	PEG A	PEG B	PEG C	DIM. "P"	DIM. "S"	DIM. "T"	DIM. "V"	DIM. "W"	DIM. "X"	DIM. "Y"	DIM. "Z"	TERMINAL TYPE	NOTES: 1. STRAIGHTNESS OF MODULE APPLIES TO THE AREA FROM THE BOTTOM OF THE CARD UP .157/(4.00). 2. IF TIE BARS ARE ATTACHED TO PADS, THE TIE BAR SHOULD BE ON AN INTERNAL LAYER, SO THAT THE REMNANT CANNOT	J
71243-5100	2.5 VOLT VDDQ	OFFSET LEFT	PLASTIC PEG	METAL FORKLOCK	PLASTIC PEG	.155 (3.94)	.020 (0.51)	.127 (3.23)	.135 (3.43)	.664 (16.87)	.113 (2.87)	.250 (6.35)	.410 (10.41)	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.



OFFSET LEFT KEY



CENTERED KEY

PLATING:

CONTACT AREA:

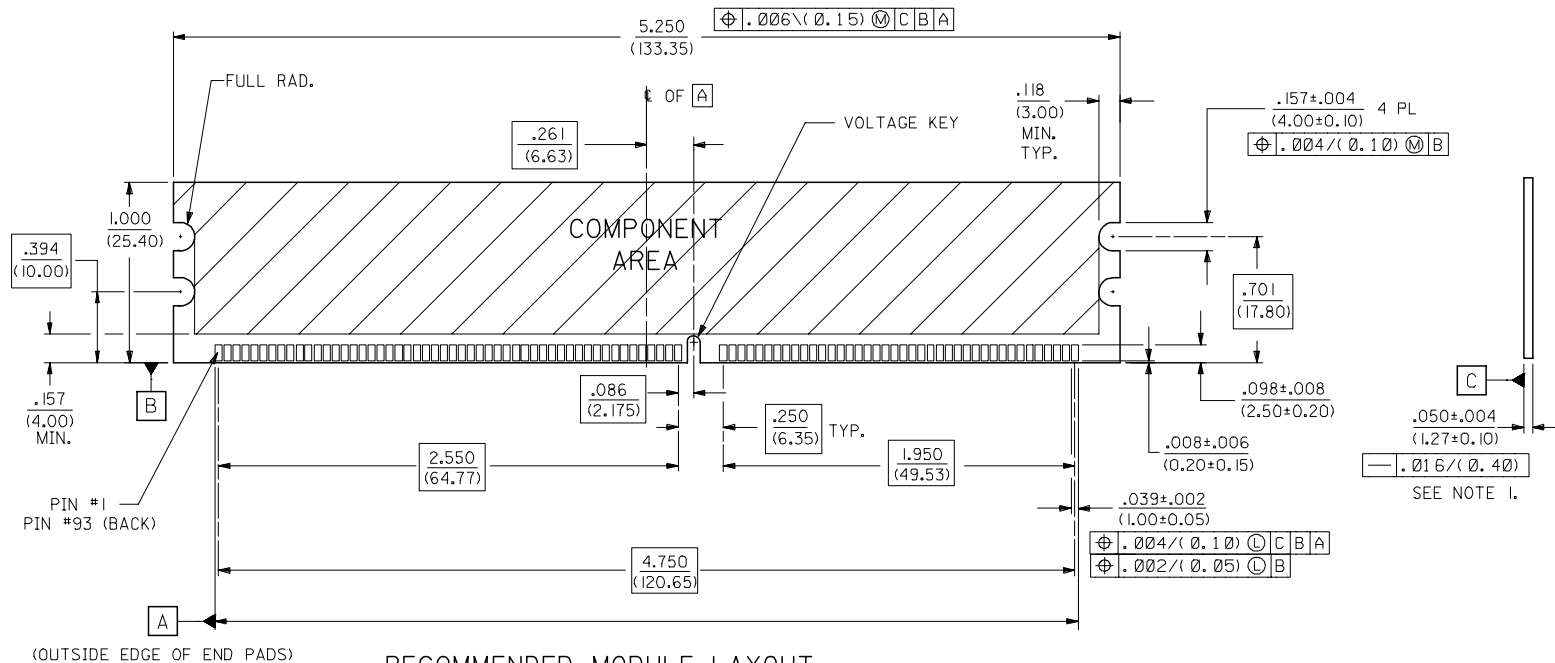
GOLD (Au) FLASH: THICKNESS=2-10 MICROINCH/(0.05-0.25 MICRO METER), OVER PALLADIUM-NICKEL (Pd-Ni): THICKNESS=30 MICROINCH/(0.76 MICROMETER) MINIMUM.

SOLDER TAILS:

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

UNDERPLATE:

NICKEL (Ni) OVER ENTIRE TERMINAL.



RECOMMENDED MODULE LAYOUT
184 CKT 2.5V SHOWN

INITIAL RELEASE EC NO: UCP2006-0422 2005/09/28 DRAWN BY: BARRA CHKD BY: SMART 2005/10/03 APPR: MILLER 2005/10/11	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY	DATE	TITLE			
				4 PLACES	± .005	± .005	MIBARRA	05/08/10	.050/(1.27) PITCH SINGLE KEY 184 CKT DDR DIMM WITH SHORT LATCHES			
				3 PLACES	± .005	± .005	CHECKED BY	DATE				
				2 PLACES	± .013	± .010	BSMART	05/08/10	MOLEX INCORPORATED			
				1 PLACE	± 0.25	± .010	APPROVED BY	DATE	SD-71243-003			
				ANGULAR ±1/2°		SMILLER		05/08/10	SHEET NO. 2			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SEE CHART	
						SIZE						