

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0712430008

Status:

Active

Description:

1.27mm (.050") Pitch DIMM Socket, Single Key, Vertical, Plastic Peg, 160 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-167

DIMM

Physical

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Entry Angle

Flammability

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Temperature Range - Operating

Termination Interface: Style

160

Black, Natural

25

Vertical (Top Entry)

94V-0

None

Phosphor Bronze, Stainless Steel

Gold

Tin

High Temperature Thermoplastic

Yes

Tray

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

NO

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

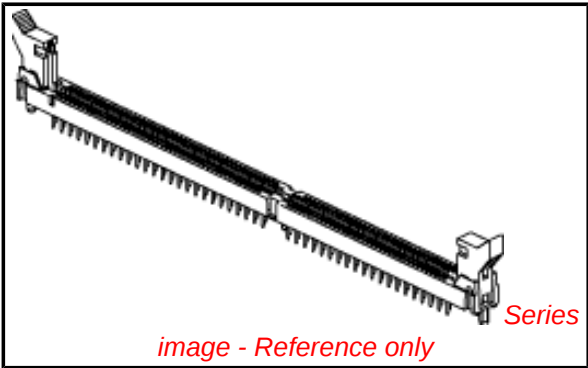
Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-71243-9999

SDA-71243-0***



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

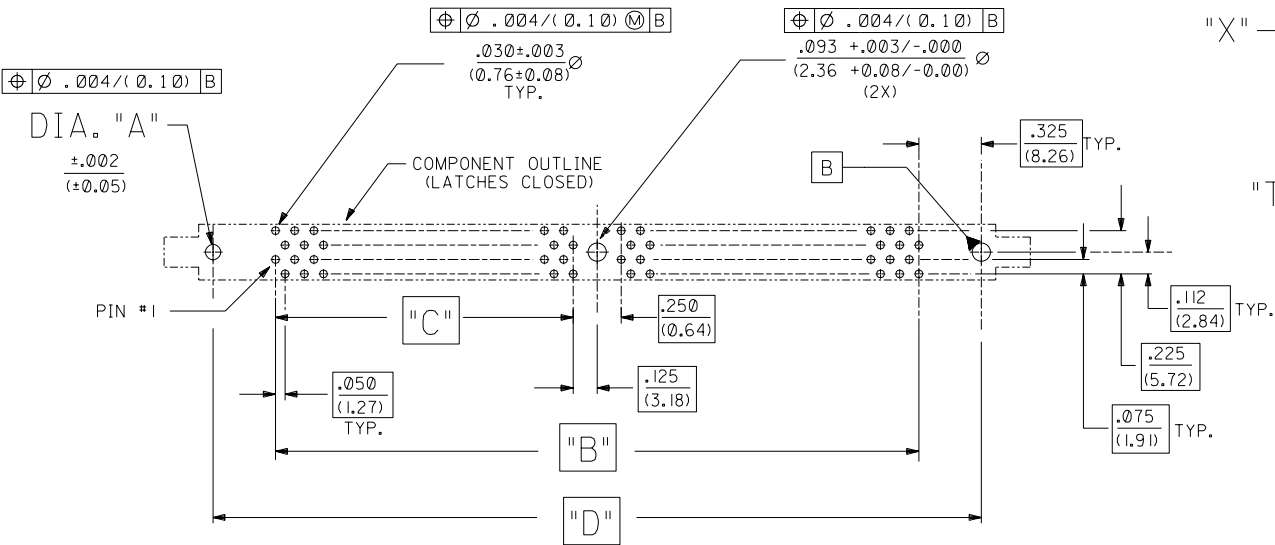
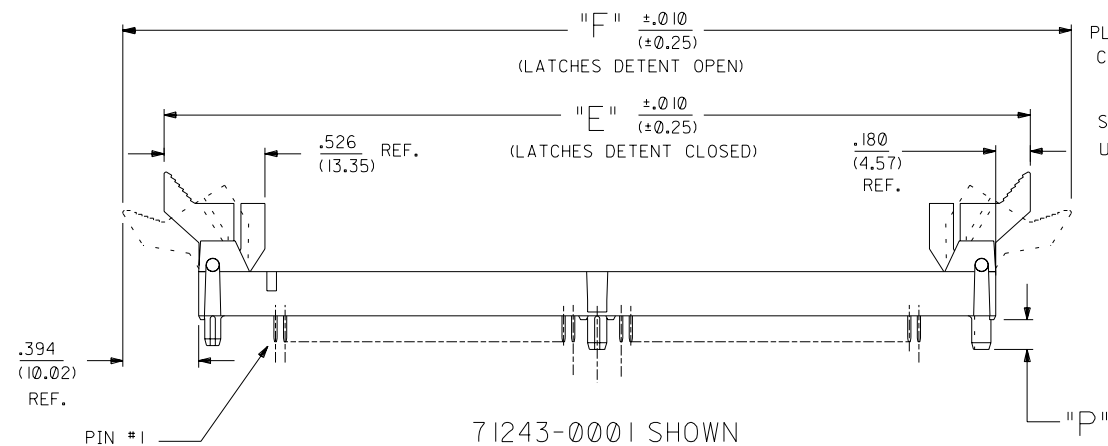
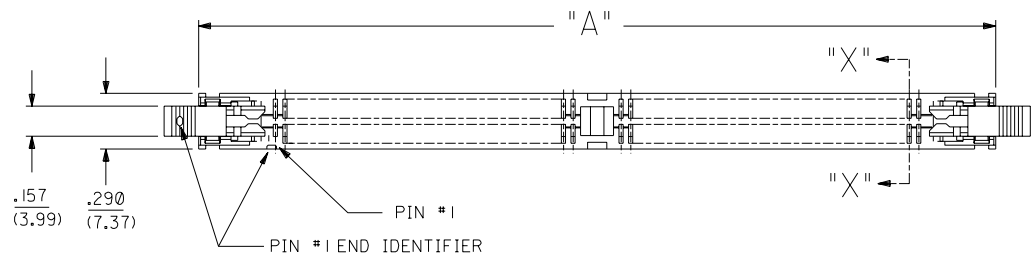
71243Series

Mates With

JEDEC MO-167 modules

This document was generated on 04/13/2010

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RECOMMENDED
P.C. BOARD HOLE PATTERN
(CONNECTOR SIDE)

NOTES:

- CARD SLOT ACCEPTS .050±.004 (1.27±0.10) MODULE THICKNESS. (MEASURED OVER P.C. PADS).
- ALL PEGS ARE INTERFERENCE FITS TO PCB UNLESS NOTED ON THE DWG.
- REFER TO PRODUCT SPEC PS-71243-9999 FOR PERFORMANCE SPECIFICATIONS.
- PRODUCT IS PACKAGED IN TRAYS.
- RECOMMENDED MODULE LAYOUT SHALL BE PER JEDEC MO-167.
- RECOMMENDED PLATING ON MODULE PADS: 30 MICROINCH/(0.76 MICROMETER) MINIMUM HARD GOLD (Au) OVER 79 MICROINCH/(2.0 MICROMETER) MINIMUM NICKEL (Ni).
- PRODUCT WILL HAVE DATE CODE STAMPED ON SIDE OF HOUSING.

MATERIALS:

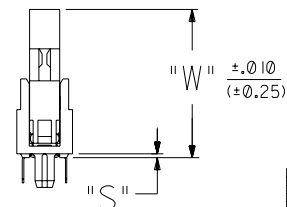
HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK.
 TERMINAL - PHOSPHOR BRONZE
 LATCHES - GLASS FILLED HIGH TEMPERATURE NYLON, UL 94V-0.
 LATCH AT PIN #1 END IS IVORY COLOR.
 LATCH AT OPPOSITE END IS BLACK COLOR.

PLATING:

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

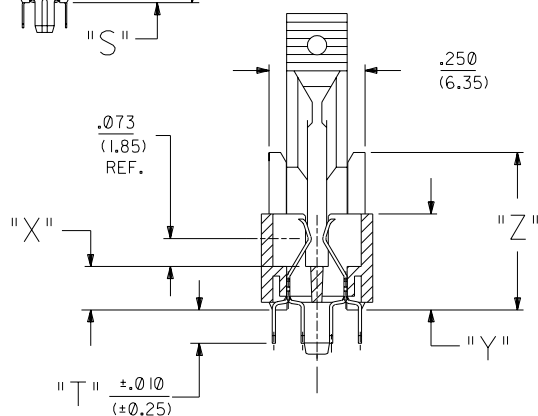
SOLDER TAILS: TIN (Sn); THICKNESS=150 MICROINCH/(3.81 MICROMETER) MINIMUM.

UNDERPLATE: NICKEL (Ni) OVER ENTIRE CONTACT.



NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



SECTION "X-X"

SCALE 4:1

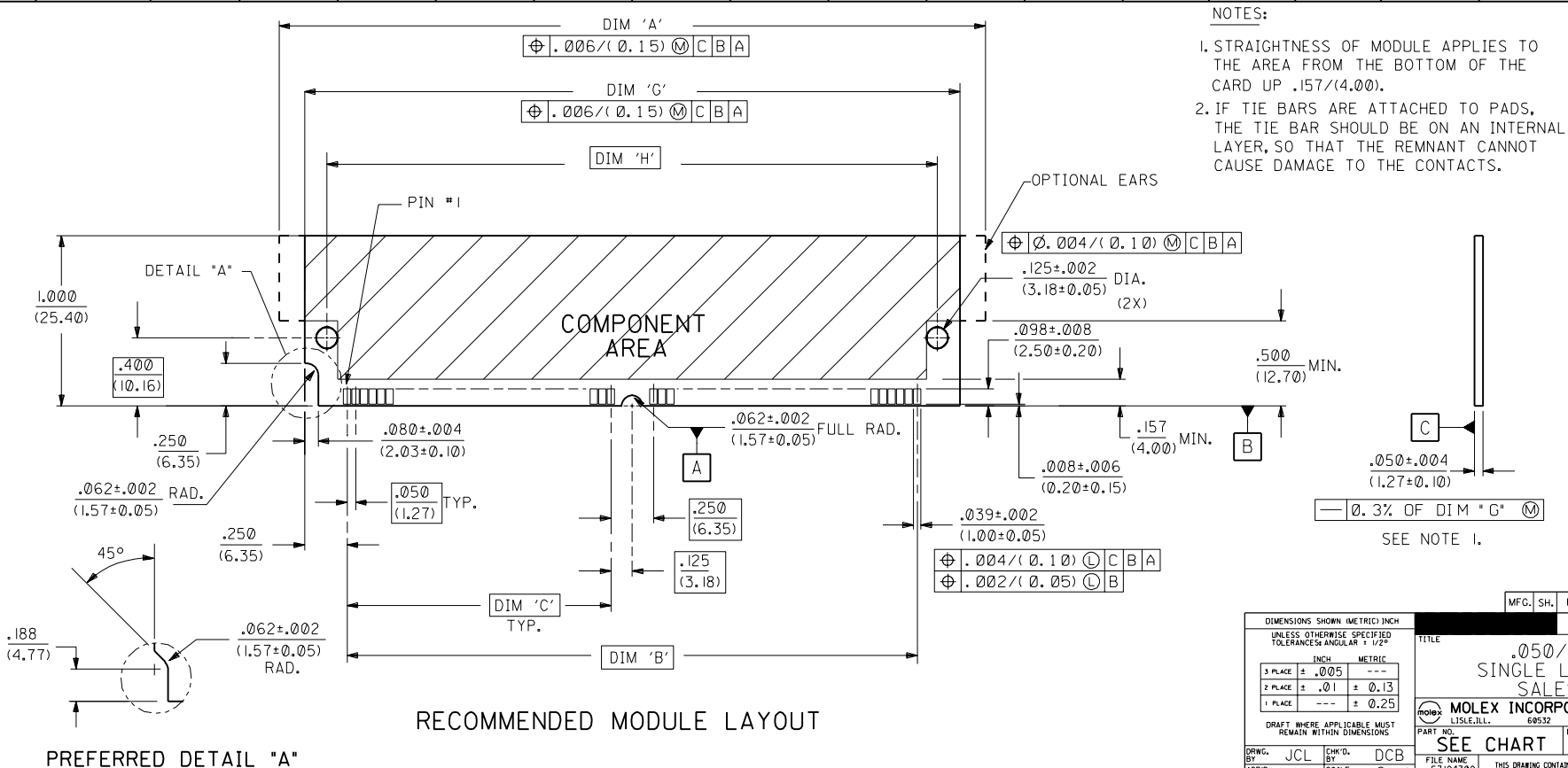
71243	
G1	ADD LEAD FREE NOTE ECN#UDT2004-1732 DMORGAN 04/03/08
G	OBSOLETE 136 CKT. ECN#UDT2000-0947 DMORGAN 00/03/23
F	CHG Sn-Pb THICKNESS ECN#UDT1999-0454 DMORGAN 99/08/09
E	REVISED PER ECR# U61133 96-10-1 LAURX
D	REVISED PER ECR# U50883 3-18-96 JCL
C	REVISED PER ECR# U50836 1-19-96 JCL
B	REVISED PER ECR# U50888 8-4-95 JCL
A	RMVD X REVISED PER ECR# U50617 12-27-94 JCL
2	REVISED PER ECR# U50419 11-7-94 JCL

2	G			
1	G1			

MFG, SH, REV, LTR, REVISIONS

REVISIONS

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
3 PLACE ± .005	INCH	---	METRIC
2 PLACE ± .01	---	± 0.13	---
1 PLACE --- ± 0.25	---	---	---
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY JCL	CHK'D. BY DCB	SCALE 2: 1	
APP'D. BY	SCALE 2: 1		
FILE NAME 57124301 DGN		SHEET NO. 1 OF 2 10/10/94	
SEE CHART		SDA-71243-0***	
MOLX INCORPORATED		MOLX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

[illegible]

G	SEE SHEET I
E	SEE SHEET I
D	SEE SHEET I
C	SEE SHEET I
B	SEE SHEET I
A	SEE SHEET I
2	SEE SHEET I
I	SEE SHEET I

MFG.	SH.	REV.	LTR.	REVISIONS
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DIMENSIONS SHOWN (METRIC) INCH		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR = 1/2°		TITLE .050/(.127) PITCH SINGLE LOW KEY DIMM SALES DRAWING	
INCH	METRIC		
3 PLACE ± .005	---		
2 PLACE ± .01	± 0.13		
1 PLACE ---	± 0.25		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED 151E, ILL. 60532 U.S.A. SHEET NO. 2 DATE 10/10/94	
PART NO. SEE CHART		DRAWING NO. SDA-71243-0***	
FILE NAME 57124302	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIV. C
DRWG. BY APP-D. JCL	CHK'D BY SCALE DCB	SIZE C	