

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

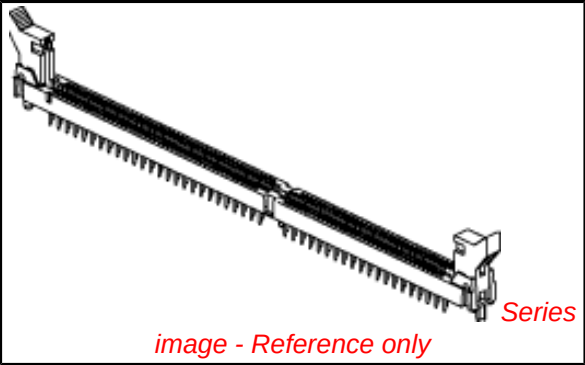
0712430002

Status:

Active

Description:

1.27mm (.050") Pitch DIMM Socket, Single Key, Vertical, Plastic Peg, 144 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-71243-9999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	71243
Component Type	Memory Module
JEDEC Outline	MO-167
Product Name	DIMM
Physical	
Circuits (Loaded)	144
Color - Resin	Black, Natural
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	None
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating 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
Voltage Key	NO

Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)

Material Info

Reference - Drawing Numbers	
Product Specification	PS-71243-9999
Sales Drawing	SDA-71243-0***

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

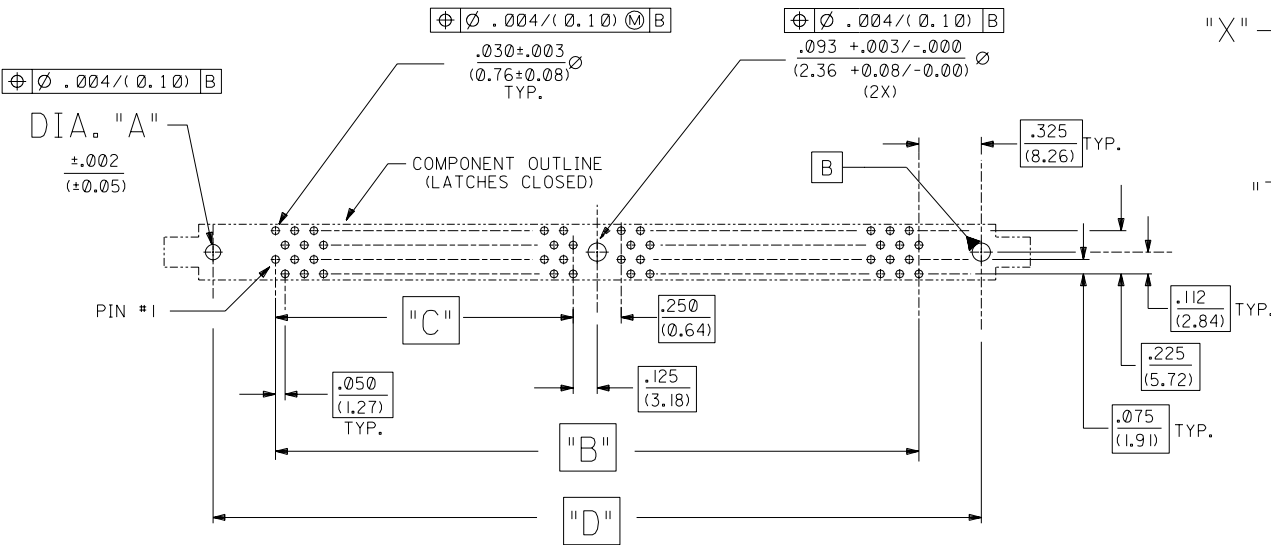
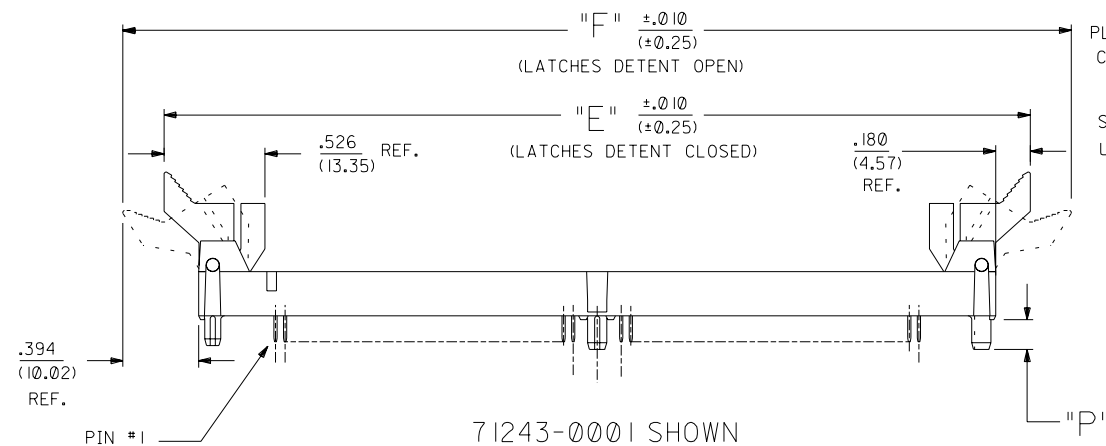
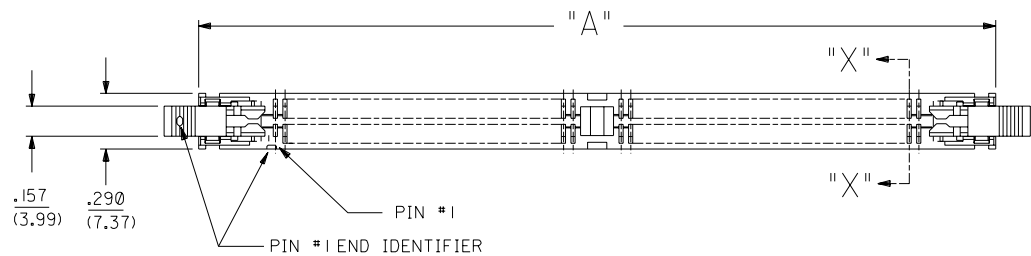
71243Series

Mates With

JEDEC MO-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:

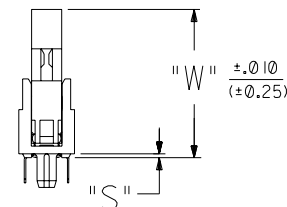
HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK.
 TERMINAL - PHOSPHOR BRONZE
 LATCHES - GLASS FILLED HIGH TEMPERATURE NYLON, UL 94V-0.
 LATCH AT PIN #1 END IS IVORY COLOR.
 LATCH AT OPPOSITE END IS BLACK COLOR.

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.

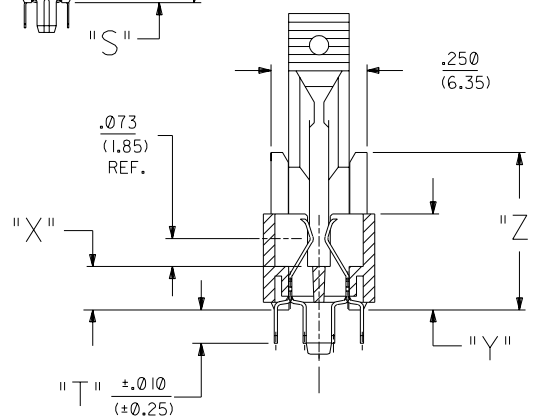
SOLDER TAILS: TIN (Sn); THICKNESS=150 MICROINCH/(3.81 MICROMETER) MINIMUM.

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°		TITLE 0.050/(1.27) PITCH SINGLE LOW KEY DIMM SALES DRAWING	
3 PLACE ± .005	INCH	2 PLACE ± .01	METRIC
2 PLACE ± .01	INCH	1 PLACE ---	METRIC
1 PLACE ---	INCH	1 PLACE ---	METRIC
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 2 10/10/94	
DRWG. BY JCL	CHKD. BY DCB	FILE NAME 57124301 DGN	DATE 10/10/94
APP'D. BY	SCALE 2:1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

