

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0712515101**  
**Status:** **Active**  
**Description:** 1.27mm (.050") Pitch DIMM Socket, Vertical, Multiple Keys, Plastic Peg, 100 Circuits, 3.3V Unbuffered

**Documents:**

[3D Model](#) [Product Specification PS-71243-9999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Memory Module Sockets  
 Series [71251](#)  
 Comments Function Key Offset Right, Voltage Key Center  
 Component Type Memory Module  
 JEDEC Outline MO-161  
 Product Name DIMM

**Physical**

Circuits (Loaded) 100  
 Color - Resin Black, Natural  
 Durability (mating cycles max) 25  
 Entry Angle Vertical (Top Entry)  
 Flammability 94V-0  
 Function Key Offset Right  
 Keying to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 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 Center

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 40  
 Lead-free Process Capability Wave Capable (TH only)  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 260

**Material Info**

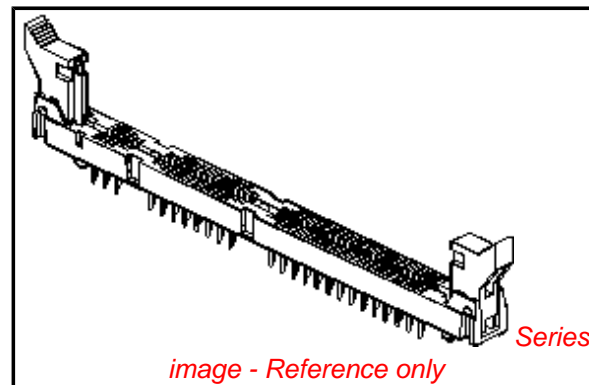


image - Reference only

**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No  
 Halogen-Free  
 Status**

**China RoHS**



**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[71251Series](#)

**Mates With**

JEDEC MO-161 modules

**Reference - Drawing Numbers**

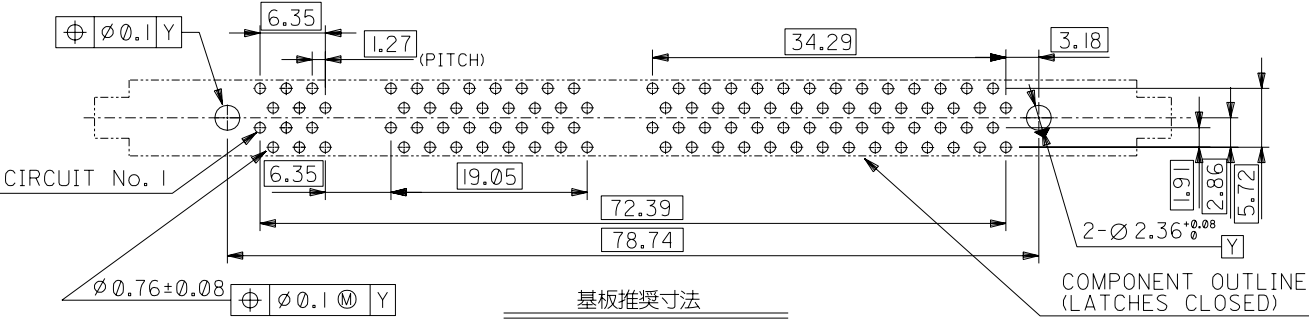
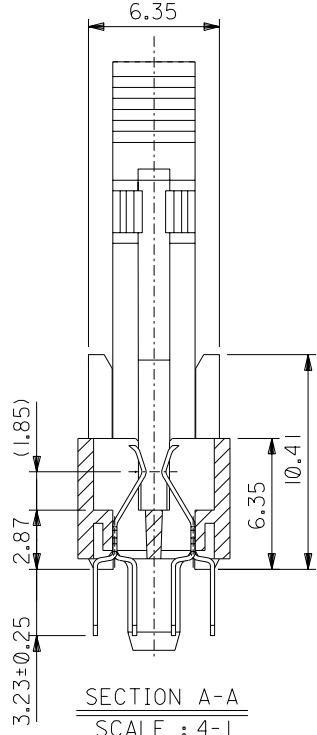
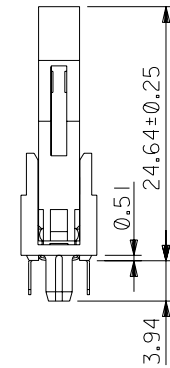
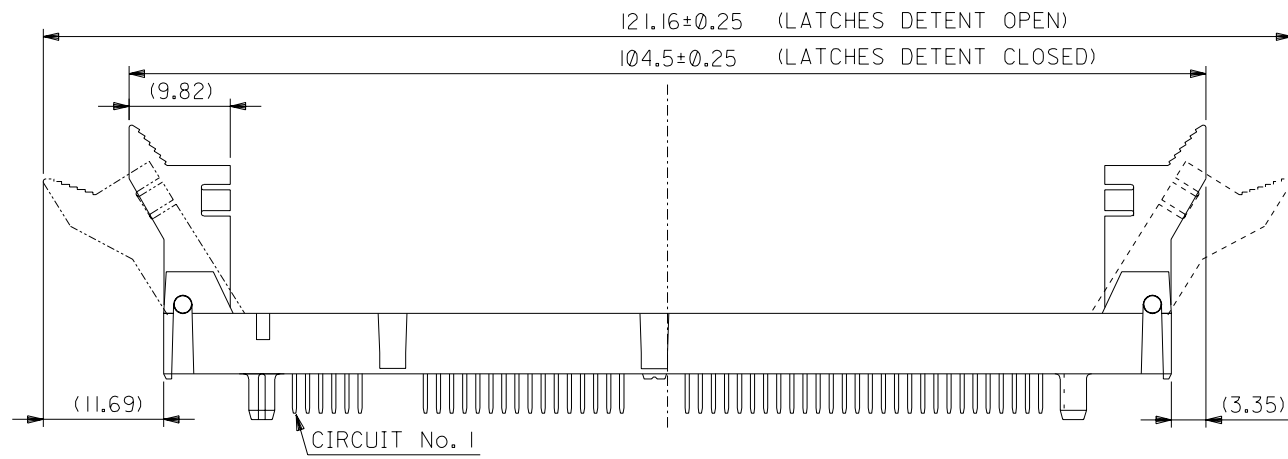
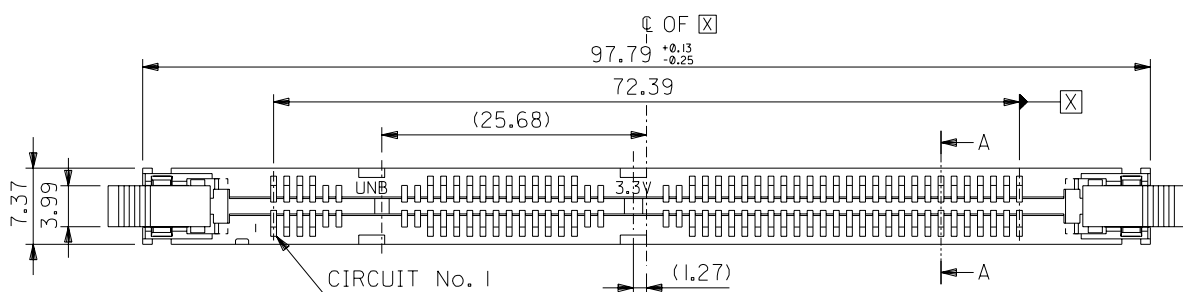
Product Specification  
Sales Drawing

PS-71243-9999  
SD-71251-5101, SDA-71251-5\*\*\*

This document was generated on 04/13/2010

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DIMENSIONS IN METRIC DO NOT SCALE DRAWING



基板推奨寸法  
RECOMMENDED P.C.B. LAYOUT

COMPONENT OUTLINE  
(LATCHES CLOSED)

角度 ANGLE	±3°				
30°以上 OVER	±0.3				
10°以上 OVER 30°未滿 UNDER	±0.25	A	変更 REVISD (J2004-4509)	Y.W.	04/05/31
10°未滿 UNDER	±0.2	0	新規作成 PROPOSED (JD90709)	M.S.	98/11/12
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

材料 MATERIAL	注参照 SEE NOTES
仕上げ FINISH	注参照 SEE NOTES
適用電線範囲 INS. RANGE	—
被覆外径 INS. RANGE	—
DRAWN BY '98/11/12	CHK'D BY '98/11/12
J. Kinata	H. Saito
APP'D BY	尺度 SCALE 2 - 1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 1.27 PITCH DIMM 100 CIRCUIT MULTI-KEY HOUSING ASS'Y -LEAD FREE-	
DWG. NO.	SHEET 1 OF 2 REV
SD-71251-5101	A





