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Part Number: [0546977003](#)
Status: **Active**
Description: 0.80mm (.031") Pitch S.O. DIMM Socket, Right Angle, Surface Mount, 4.00mm (.157") Mounted Height, 144 Circuits, 3.3V Power Supply, Hard Tray Packaging, Height 11.00mm (.433") Type, Lead-free

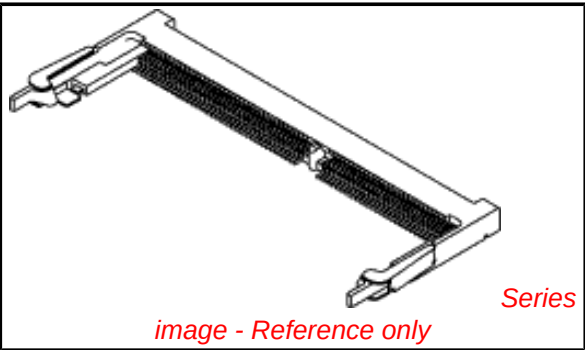
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-54697-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Memory Module Sockets
Series	54697
Comments	3.3V Power Supply
Component Type	Memory Module
JEDEC Outline	N/A
Product Name	S.O. DIMM
Physical	
Circuits (Loaded)	144
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle (Side Entry)
Keying to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Retention	Yes
PCB Thickness Recommended (in)	0.045 In
PCB Thickness Recommended (mm)	1.20 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.031 In
Pitch - Mating Interface (mm)	0.80 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	100V
Voltage Key	3.3V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-54697-003, RPS-54697-006
Sales Drawing	SD-54697-004



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?

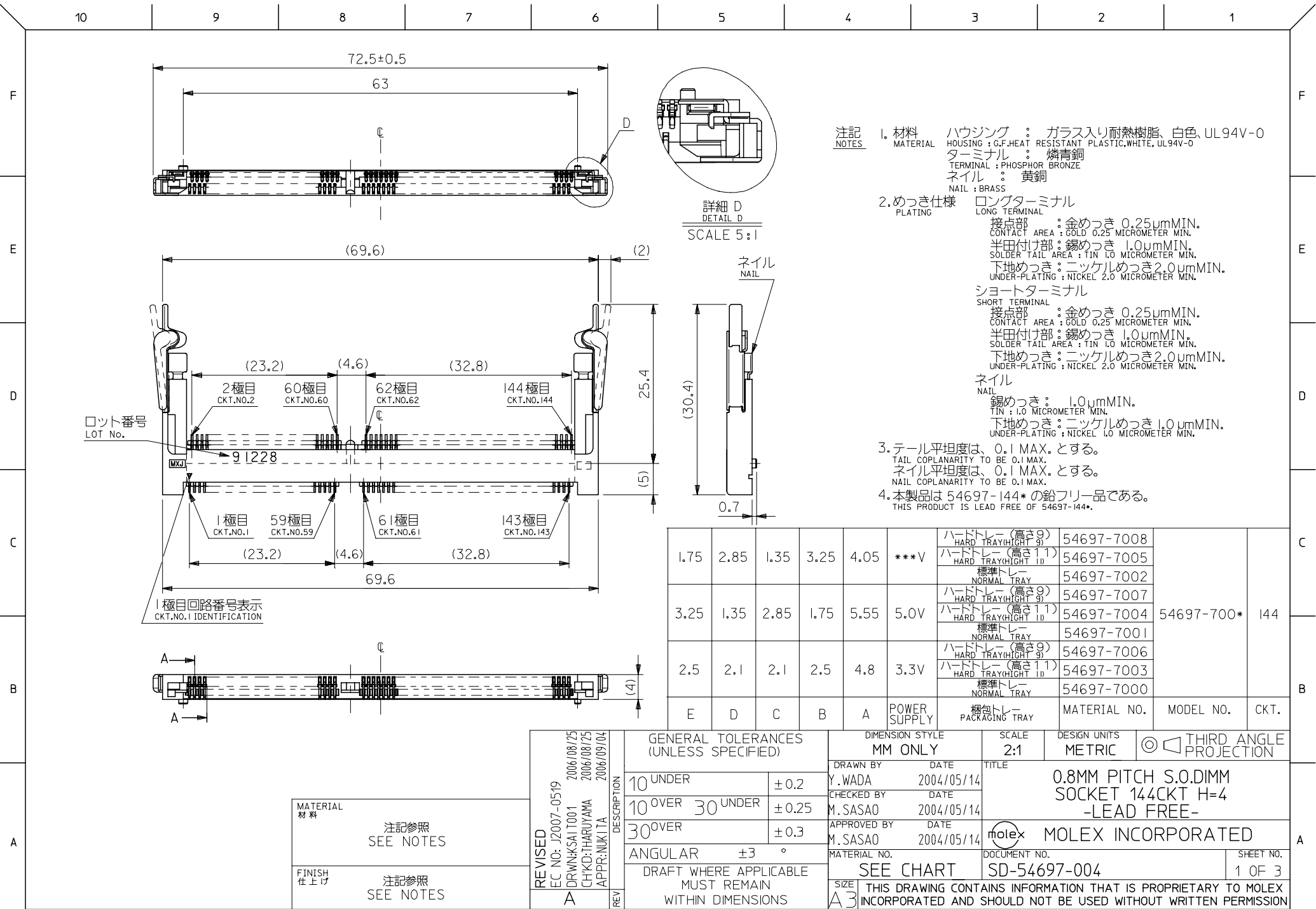
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

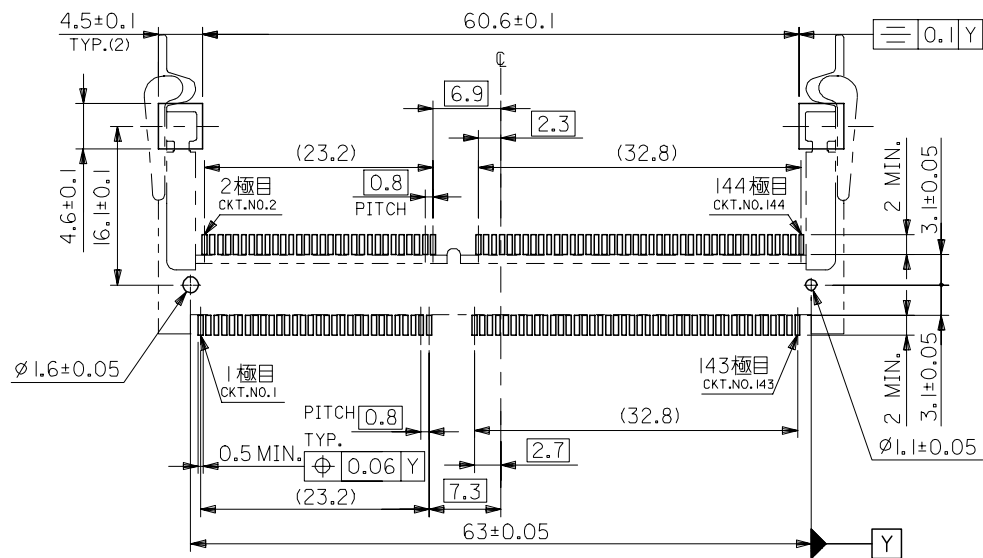
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[54697Series](#)

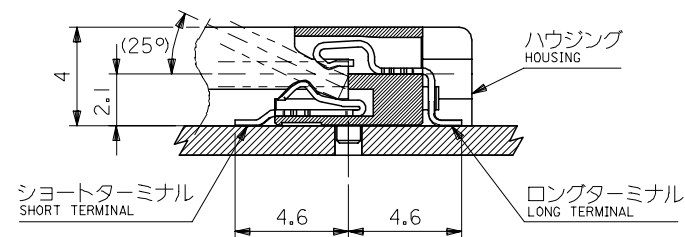
Mates With
JEDEC Standard DRAM and SDRAM modules

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推奨基板寸法
RECOMMENDED PCB PATTERN LAYOUT
(THK:1.2±0.1)



断面図 A-A
SECTION A-A
SCALE 5:1

MATERIAL
材料
注記参照
SEE NOTES

FINISH
仕上げ
注記参照
SEE NOTES

REVISED
EC NO: J2007-0519
2006/08/25
DRWG:SAIT001
2006/08/25
CHKD:THARUYAMA
2006/09/04
APPR:NUKITA

GENERAL TOLERANCES
(UNLESS SPECIFIED)

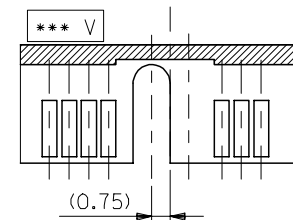
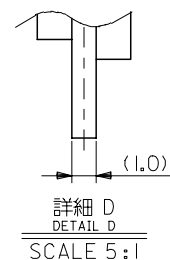
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE
MM ONLY

DRAWN BY Y. WADA	DATE 2004/05/14
CHECKED BY M. SASAO	DATE 2004/05/14
APPROVED BY M. SASAO	DATE 2004/05/14
MATERIAL NO. SEE SHEET 1 OF 3	
SIZE A3	

MODEL NO. 54697-700*	THIRD ANGLE PROJECTION
SCALE 2:1	DESIGN UNITS METRIC
TITLE 0.8MM PITCH S.O.DIMM SOCKET 144CKT H=4 -LEAD FREE-	
MOLEX INCORPORATED	
DOCUMENT NO. SD-54697-004	SHEET NO. 2 OF 3

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



詳細 C
DETAIL C

SCALE 5:1

REVISED	EC NO: J2007-0519	2006/08/25	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
	DRWNG SAI T001	2006/08/25		10 UNDER	± 0.2	DRAWN BY Y. WADA	DATE 2004/05/14	TITLE 0.8MM PITCH S.O.DIMM SOCKET 144CKT H=4 -LEAD FREE-			
	CHKD: THARYANA	2006/09/04		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE 2004/05/14				
	APPR: NUKITA			30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/05/14	 MOLEX INCORPORATED			
				ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.				
A	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OF 3		SD-54697-004		3 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											