



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

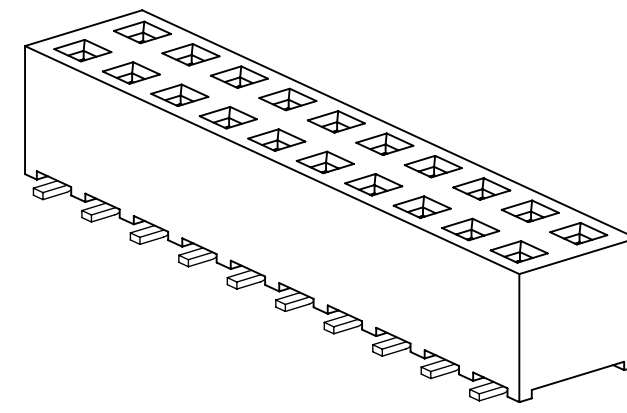
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ THROUGH-BOARD SOCKET, 96X SERIES
2.54MM X 2.54MM, LOW PROFILE SURFACE MOUNT



DUAL ROW, LOW PROFILE
SURFACE MOUNT VERSION
4.57MM TALL BODY
"9662XX"

- NOTES
- MATERIAL:
PLASTIC: HIGH TEMP LCP, UL94V-0
CONTACT: COPPER ALLOY.
 - REGULATORY INFORMATION:
ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION (RIA E1 & C1 APPLY).
 - IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 - N = THE NUMBER OF CONTACTS.

3 PHYSICAL :

INSULATOR:
MATERIAL: HIGH TEMP THERMOPLASTIC
FLAMMABILITY: UL94V-0
COLOR: BLACK
CONTACT:
MATERIAL: COPPER ALLOY
PLATING:
UNDER PLATING: 1.27-2.54µm [50-100µ"] NICKEL-OVERALL
WIPING AREA: GOLD FLASH
SOLDER TAILS: 1-3µm [40-118µ"] MATTE TIN

3 ELECTRICAL :

CURRENT RATING: 3A
INSULATION RESISTANCE: >5 X 10⁸ OHm AT 100V_{DC}
WITHSTANDING VOLTAGE: 1000V_{AC} AT 60s

3 MECHANICAL :

INSERTION FORCE: ≤ 3N PER PIN
EXTRACTION FORCE: ≥ 0.3N PER PIN
RETENTION FORCE: ≥ 7N PER PIN

3 ENVIRONMENTAL :

TEMPERATURE RATING: -55°C TO 125°C
PROCESSING TEMPERATURE: MAX. 260°C (PROFILE PER J-STD-020C)
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

3 PACKING & STORING :

METHOD OF PACKING: TAPE AND REEL, OUTER BOX
STORING CONDITION: TEMPERATURE OF -10°C TO 40°C
BELOW 80% RELATIVE HUMIDITY

3M™ ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

DIMENSIONS: MM [INCH]

MM [INCH]		
TOLERANCE - UNLESS NOTED		
	X.	.X
MM	±.5	±.20
[INCH]	±.02	±.008
[] = DIM. FOR REFERENCE ONLY		

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD																				
CODES				CASTIGLIONE	JAN 12, 2015	MFG																				
DIVISION	DIVISION CODE	CHKD	DATE	APPRV	DATE	DATE																				
	EMSD		JAN 12, 2015	T. SUNIGA	JAN 12, 2015	JAN 12, 2015																				
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED																								
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	<table border="1"> <tr> <th>TOLERANCES EXCEPT AS NOTED</th> <th>TOLERANCES EXCEPT AS NOTED</th> </tr> <tr> <td>INCHES</td> <td>MILLIMETERS</td> </tr> <tr> <td>.00</td> <td>0</td> </tr> <tr> <td>.000 ±</td> <td>0 ±</td> </tr> <tr> <td>.0000 ±</td> <td>0 ±</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>.00 ±</td> <td>0 ±</td> </tr> <tr> <td>.000 ±</td> <td>0 ±</td> </tr> <tr> <td>.000 ±</td> <td>0 ±</td> </tr> <tr> <td>0 ±</td> <td>0 ±</td> </tr> </table>		TOLERANCES EXCEPT AS NOTED	TOLERANCES EXCEPT AS NOTED	INCHES	MILLIMETERS	.00	0	.000 ±	0 ±	.0000 ±	0 ±	0	0	.00 ±	0 ±	.000 ±	0 ±	.000 ±	0 ±	0 ±	0 ±	© 3M COPYR[IGHT] 2017 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		
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REVISION A
 DRAWING NUMBER 78-5100-2652-5
 DATE 3/6/2017 2:46 PM UTC-06:00

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DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
A 72044						MAR 06, 2017		JNC	TS
DO NOT SCALE DRAWING		SCALE	TOLERANCES EXCEPT AS NOTED	3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2017 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
THIRD ANGLE PROJECTION		SCALE 2/1	TOLERANCES EXCEPT AS NOTED	3M Center St. Paul, MN 55144		THRU-BOARD SKT, 2.54MM X 2.54MM, SURFACE MOUNT			
INTERPRET PER ASME Y14.5 - 2009		INCHES	MILLIMETERS	CAGE NUMBER		DRAWING NO.		REV.	
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