



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

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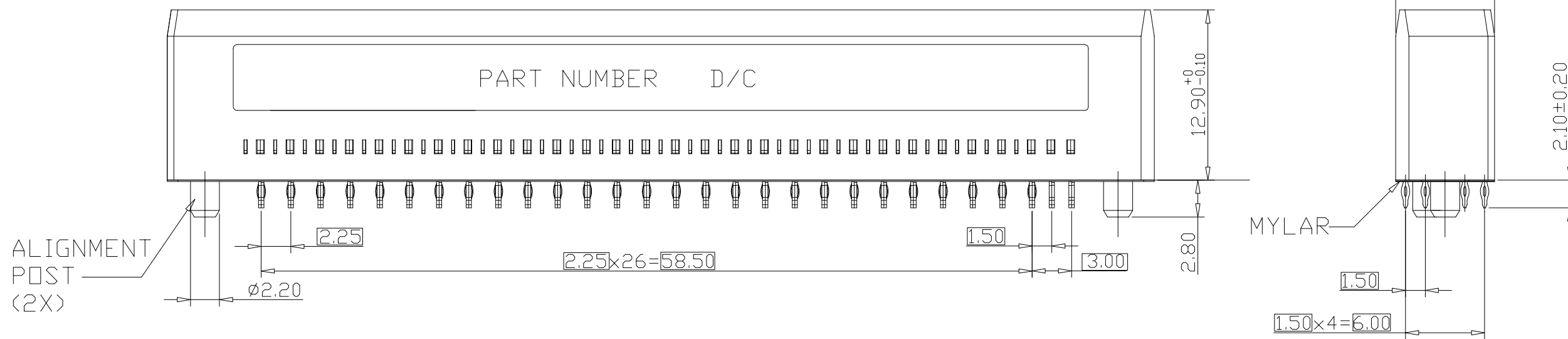
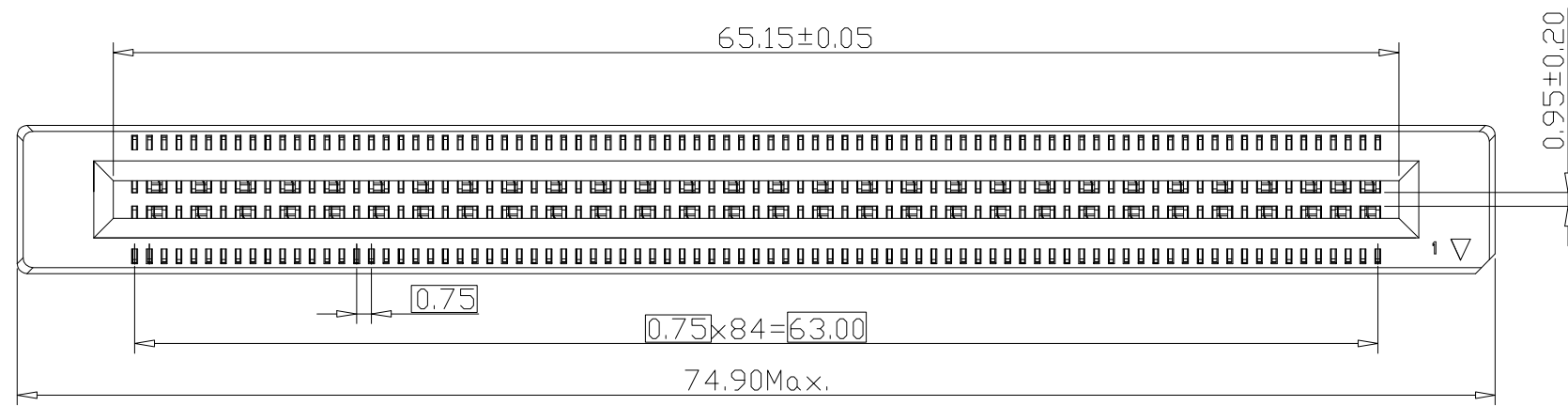
# 3M™ MEZZANINE CARD CONNECTOR FOR MicroTCA APPLICATIONS

**NOTE:**

- MATERIAL:**  
HOUSING-HIGH TEMPERATURE THERMOPLASTIC  
RATED UL94V-0,  
COLOR:BLACK.  
CONTACTS:COPPER ALLOY.  
MYLAR:POLYETHYLENE TEREPHTHALATE.
- PLATING:** KR  
FINISH: MATING AREA- 0.76um Au  
COMPLIANT PIN AREA- 2.54um MATTE Sn  
1.27um MIN Ni ALL OVER
- PCB BOARD FINISHED DIAMETER  $\phi$  0.55 $\pm$ 0.05MM,  
THICKNESS: 1.4mm MIN.
- CONNECTOR MARKED WITH PART  
NUMBER AND DATE CODE.
- SEE THE REGULATORY INFORMATION APPENDIX  
(RIA) IN THE "ROHS COMPLIANCE" SECTION  
OF: WWW.3MCONNECTOR.COM FOR COMPLIANCE  
INFORMATION (RIA E1 & C1 APPLY).
- FOR PRODUCT SPECIFICATION AND  
WARRANTY INFORMATION SEE  
78-5102-0084-9
- IN THE EVENT OF CONFLICT BETWEEN THIS DATA  
AND THAT CONTAINED IN THE PRODUCT SPEC.,  
THE PRODUCT SPEC. TAKES PRECEDENT.
- TEMPERATURE RATING: -55 TO +105C
- PART NO:

DESCRIPTION	STRUCTURE
1P00-2000-KR	WITHOUT ALIGNMENT POST
1P00-2001-KR	WITH ALIGNMENT POST

10. 85 POSITIONS, TWO ROWS, 0.75 MM PITCH.



PCB LAYOUT

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		ML	TS	10/5/10	MEG	TS
DISTRIBUTION CODES		DRFT	DATE	10/5/10	MEG	DATE
		CHKD	DATE	10/5/10	APPVL	DATE
DIVISION	DIVISION CODE					
DO NOT SCALE DRAWING	SCALE	TOLERANCES EXCEPT AS NOTED INCHES .0 ± .00 ± .000 ± .0000 ± MILLIMETERS 0 ± * .0 ± 0.30 .00 ± 0.20 .000 ± 0.10 ANGLES ± 1°				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994	© 3M COPYRIGHT. This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes. TITLE 1P00-200X-KR MicroTCA AMC MEZZANINE CARD CONNECTOR				
MAX SURFACE ROUGHNESS	<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY	CAGE NUMBER	SIZE	DRAWING NO.	REV.	
			C	78-5100-2368-8	D	
		MODEL	DET. LISTS		<input type="checkbox"/> YES <input type="checkbox"/> NO SHT 1 OF 1	