

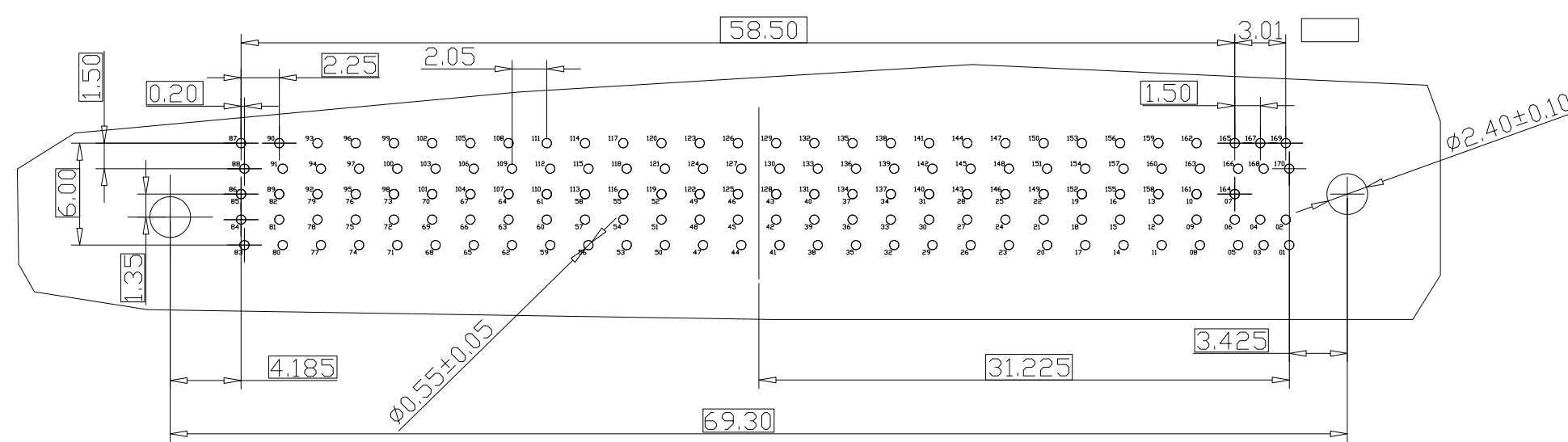
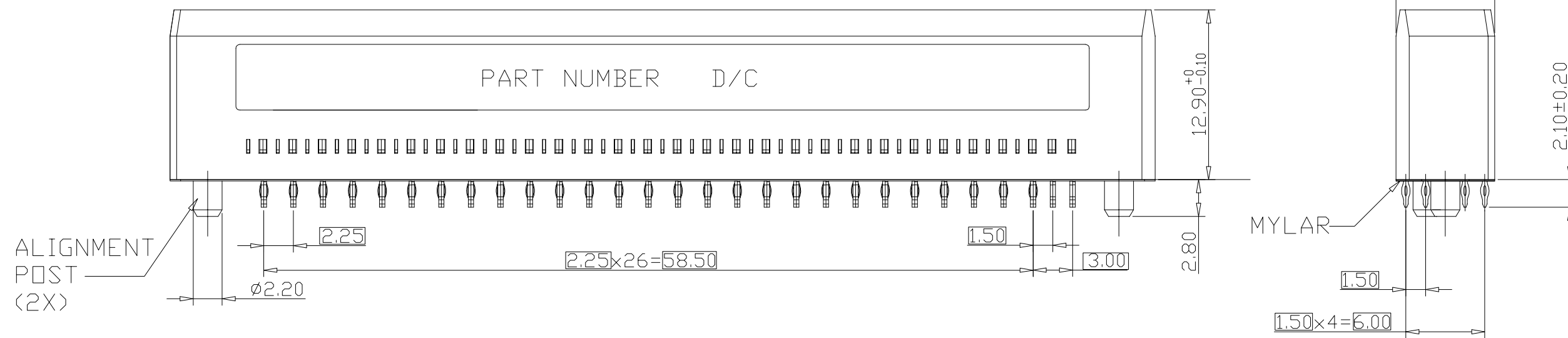
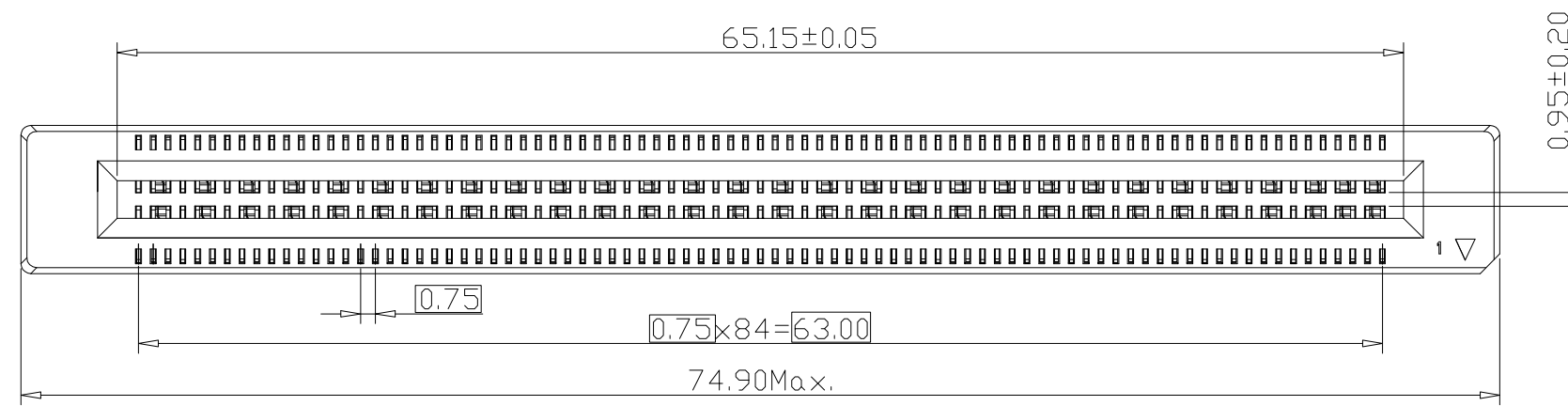
# 3M™ MEZZANINE CARD CONNECTOR FOR MicroTCA APPLICATIONS

**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
DISTRIBUTION CODES				ML		10/5/10		MEG	
DIVISION		DIVISION CODE		DRFT	DATE	DATE		DATE	DATE
DO NOT SCALE DRAWING		SCALE		CHKD	DATE	APPL		DATE	DATE
TOLERANCES EXCEPT AS NOTED		INCHES		3M		© 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.			
THIRD ANGLE PROJECTION		MILLIMETERS		TITLE		1P00-200X-KR MicroTCA AMC MEZZANINE CARD CONNECTOR			
INTERPRET PER ASME Y14.5 - 1994		MAX SURFACE ROUGHNESS		CAGE NUMBER	SIZE	DRAWING NO.		REV.	
<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		.0 ± 0.30 .00 ± 0.20 .000 ± 0.10		7	C	78-5100-2368-8		D	
ANGLES ± 1°				MODEL		DET. LISTS		<input type="checkbox"/> YES <input type="checkbox"/> NO SHT 1 OF 1	