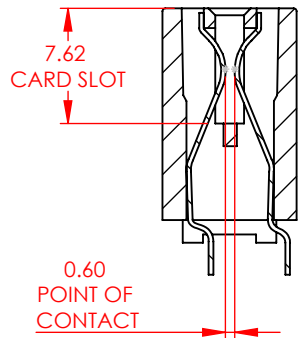
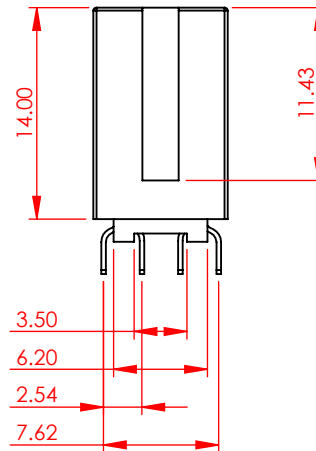
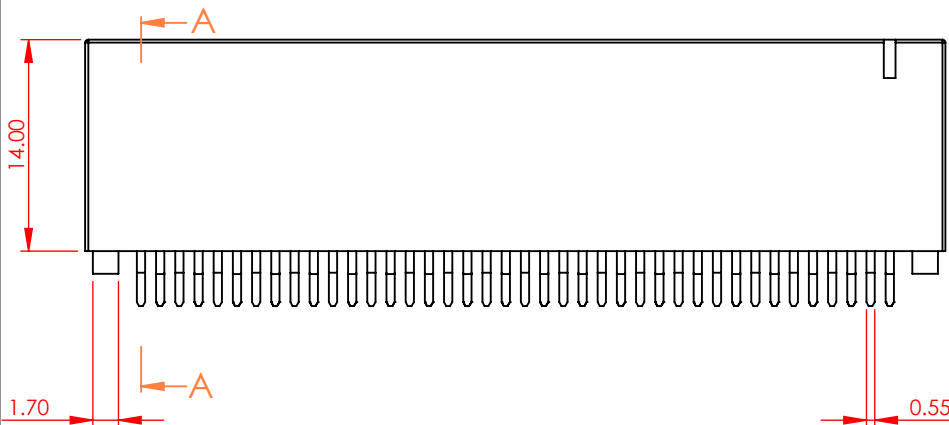
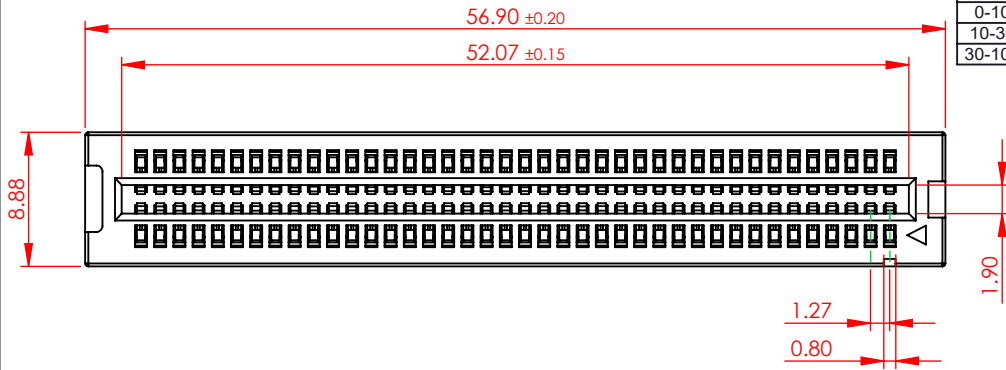


TOLERANCE UNLESS OTHERWISE SPECIFIED	
0-10	±0.20
10-30	±0.30
30-100	±0.40

THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
REMOVE CODE 99 J.L.	MAR.22/2024 ②



SECTION A-A

**SPECIFICATIONS:**

**MATERIAL:**

GLASS REINFORCED  
THERMOPLASTIC, PA66

**CONTACT:  
PLATING:**

COPPER ALLOY  
GOLD FLASH PLATING ON  
CONTACT AREA, TIN PLATING ON  
SOLDERING AREA

**ELECTRICAL**

VOLTAGE RATING: 250 VAC RMS  
CURRENT RATING: 1A  
DIELECTRIC

WITHSTANDING VOLTAGE: 500VAC RMS 60Hz FOR 60s  
INSULATION RESISTANCE: 1000 MEGA OHMS MIN AT 500VDC  
CONTACT RESISTANCE: 30 mOHMS MAX

**MECHANICAL**

RETENTION FORCE: 460g MIN PER CONTACT  
INSERTION FORCE: 230g MAX PER CONTACT PAIR  
WITHDRAWAL FORCE: 15g MIN PER CONTACT PAIR

**ENVIRONMENTAL**

TEMPERATURE RANGE: -55°C TO +85°C

302 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.:	302 Assembly	UNIT: MM
DRAWN:	J.L.	DATE: 06/06/23
CHECKED:	R.S.M.	DATE: 04/09/24
SCALE:	2:1	SHEET 1 OF 2
DRAWING NUMBER:	302-080-221-201	ISSUE
PART NUMBER:	302-080-221-201	2



THIS SERIES FULLY CONFORMS TO  
THE EUROPEAN UNION DIRECTIVES  
2011/65/EU FOR RoHS COMPLIANCY.



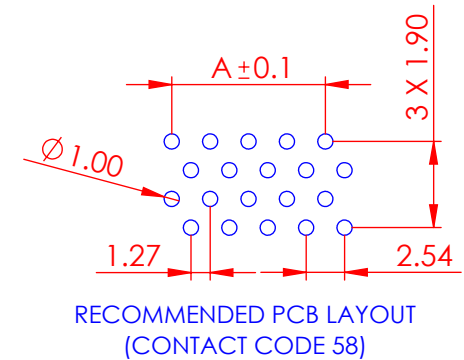
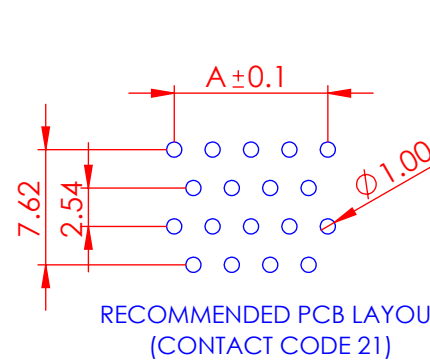
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TORONTO, ONTARIO  
CANADA  
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NO. OF POS.	DIMENSION A	
	CONTACT CODE 21	CONTACT CODE 58
04	1.27	
06	2.54	
08	3.81	
10	5.08	
12	6.35	
14	7.62	
16	8.89	
20	11.43	
22	12.70	
24	13.97	
26	15.24	
30	17.78	
32	19.05	
36	21.59	
40	24.13	
48	29.21	
50	30.48	
52	31.75	
60	36.83	
68	41.91	NA
70	43.18	NA
80	49.53	
100	62.23	NA
110	68.58	NA
120	74.93	NA
124	77.47	NA

NA = NOT AVAILABLE



302-080-221-201

└─ MOUNTING CODE

└─ CONTACT CODE



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### 302 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.:	302 Assembly	UNIT: MM
DRAWN:	J.L.	DATE: 06/06/23
CHECKED:	R.S.M.	DATE: 04/11/24
SCALE:	N.T.S	SHEET 2 OF 2
DRAWING NUMBER:	302-080-221-201	ISSUE
PART NUMBER:	302-080-221-201	2