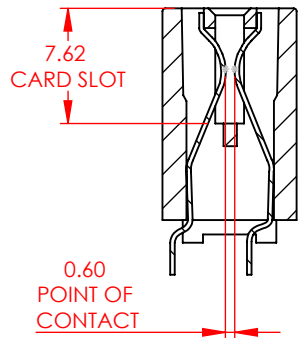
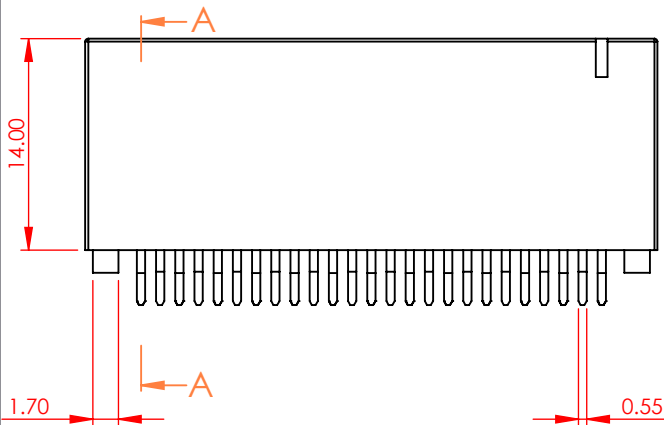
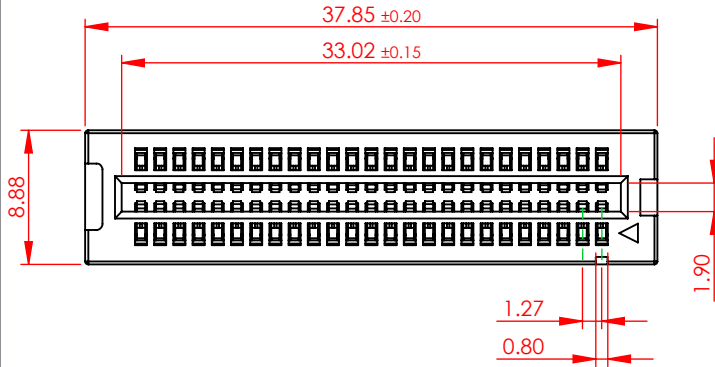


TOLERANCE UNLESS OTHERWISE SPECIFIED	
0-10	±0.20
10-30	±0.30
30-100	±0.40

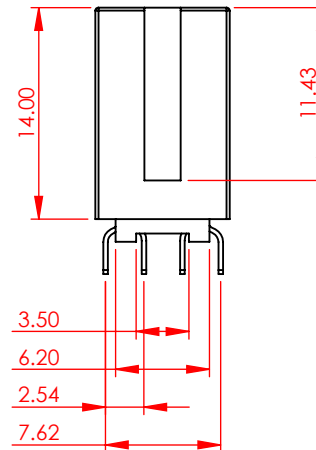
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ISSUE NUMBER	
ORIGINAL	①
REMOVE CODE 99 J.L.	MAR.22/2024 ②



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



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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: 04/09/24
SCALE:	2:1	SHEET 1 OF 2
DRAWING NUMBER:	302-050-221-201	ISSUE
PART NUMBER:	302-050-221-201	2

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DO NOT MAKE MANUAL REVISIONS TO MASTER.

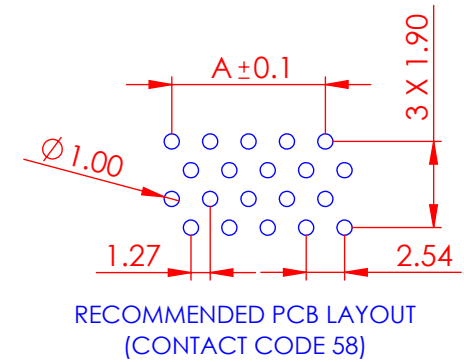
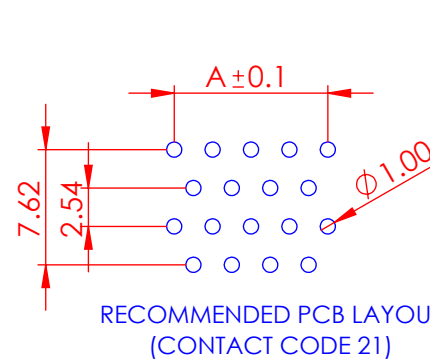


ISSUE NUMBER

SEE PAGE 1

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



302-050-221-201

└─ 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:	302-050-221-201	ISSUE
PART NUMBER:	302-050-221-201	2