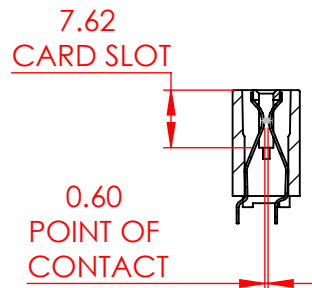
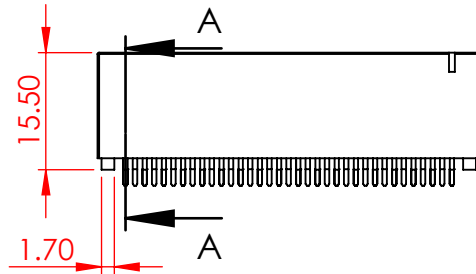
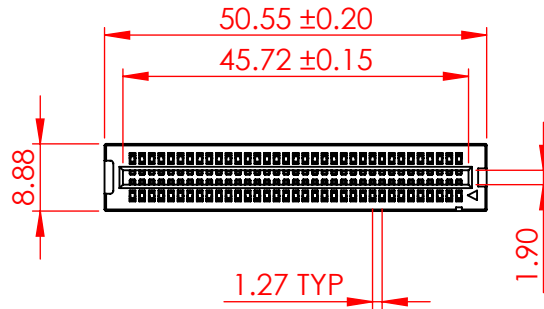


TOLERANCE UNLESS OTHERWISE SPECIFIED	
0-10	±0.20
10-30	±0.30
30-100	±0.40

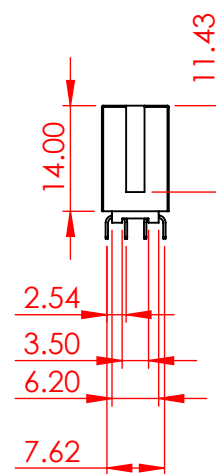
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ISSUE NUMBER	
ORIGINAL	①



SECTION A-A
SCALE 1 : 1



SPECIFICATIONS:

MATERIAL:
HOUSING:
CONTACT:
PLATING:

GLASS REINFORCED THERMOPLASTIC, PA66
COPPER ALLOY
GOLD FLASH PLATING ON CONTACT AREA,
TIN PLATING ON SOLDERING AREA

ELECTRICAL
VOLTAGE RATING:
CURRENT RATING:
DIELECTRIC

250 VAC RMS
1A

WITHSTANDING VOLTAGE:
INSULATION RESISTANCE:
CONTACT RESISTANCE:

500VAC RMS 60Hz FOR 60s
1000 MEGA OHMS MIN AT 500VDC
30 mOHMS MAX

MECHANICAL

RETENTION FORCE:
INSERTION FORCE:
WITHDRAWAL FORCE:

460g MIN PER CONTACT
230g MAX PER CONTACT PAIR
15g MIN PER CONTACT PAIR

ENVIRONMENTAL
TEMPERATURE RANGE:

-55°C TO +85°C

NOTE:

8, 10, 12, 16, 20, 40, 50, 60, 80 AND 120 POSITIONS ARE AVAILABLE



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THE EUROPEAN UNION DIRECTIVES
2011/65/EU FOR RoHS COMPLIANCY.



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EDAC INC
TORONTO, ONTARIO
CANADA

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302 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.: 302 Assembly		UNIT: MM
DRAWN: J.L.	DATE: June 6, 2023	
CHECKED:	DATE:	
SCALE: 1:1	SHEET 1 OF 2	
DRAWING NUMBER: 302-070-221-201	ISSUE	
PART NUMBER: 302-070-221-201	1	

NO. OF POS.	DIMENSION A			DIMENSION C	
	CONTACT CODE 21	CONTACT CODE 58	CONTACT CODE 99	MOUNTING CODE 05	MOUNTING CODE 06
04		1.27*		5.08	NA
06		2.54*		6.35	NA
08		3.81		7.62	7.62
10		5.08		8.89	8.89
12		6.35		10.16	10.16
14		7.62*		11.43	NA
16		8.89		12.70	12.70
20		11.43		15.24	15.24
22		12.70*		16.51	NA
24		13.97*		17.78	NA
26		15.24*		19.05	NA
30		17.78*		21.59	NA
32		19.05*		22.86	NA
36		21.59*		25.40	NA
40		24.13		27.94	27.94
48		29.21*		33.02	NA
50		30.48		34.29	34.29
52		31.75*		35.56	NA
60		36.83		40.64	40.64
68	41.91	NA	41.91*	45.72	NA
70	43.18	NA	43.18*	46.99	NA
80		49.53		53.34	53.34
100	62.23	NA	62.23*	66.04	NA
110	68.58	NA	68.58*	72.39	NA
120	74.93	NA	74.93	78.74	78.74
124	77.47	NA	77.47*	81.28	NA

*NOT AVAILABLE FOR CONTACT CODE 99 WITH MOUNTING CODE 06

NA = NOT AVAILABLE

302-070-221-201

MOUNTING CODE

CONTACT CODE



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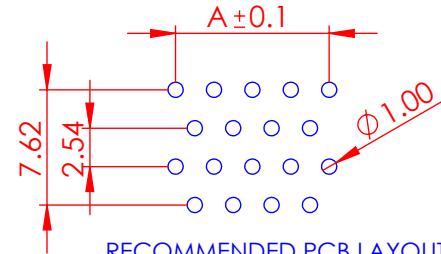
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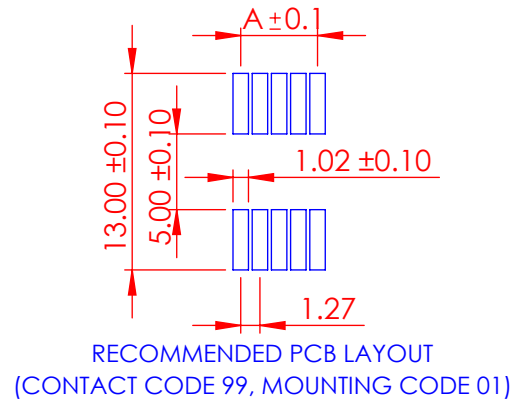
ISSUE NUMBER

ORIGINAL

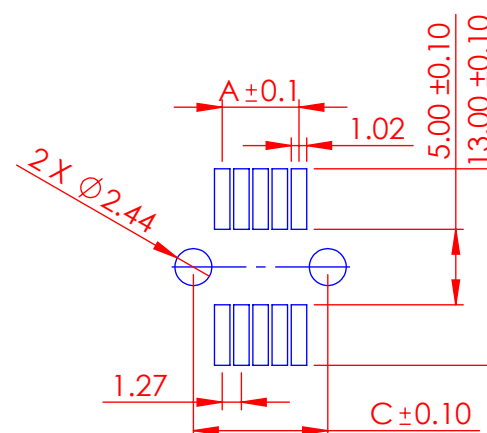
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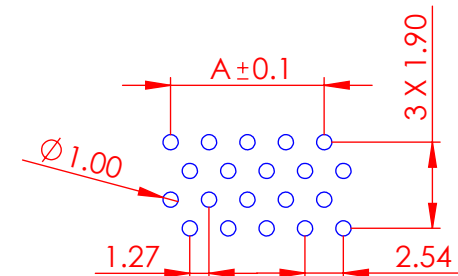
RECOMMENDED PCB LAYOUT
(CONTACT CODE 21)



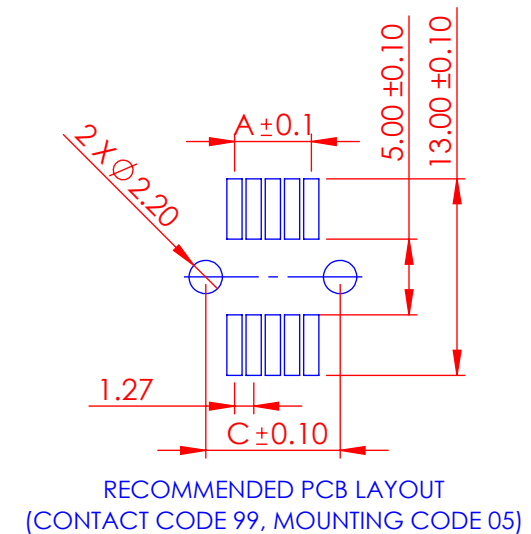
RECOMMENDED PCB LAYOUT
(CONTACT CODE 99, MOUNTING CODE 01)



RECOMMENDED PCB LAYOUT
(CONTACT CODE 99, MOUNTING CODE 06)



RECOMMENDED PCB LAYOUT
(CONTACT CODE 58)



RECOMMENDED PCB LAYOUT
(CONTACT CODE 99, MOUNTING CODE 05)

302 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.: 302 ASSEMBLY UNIT: MM

DRAWN: J.L. DATE: June 6, 2023

CHECKED: DATE:

SCALE: 1:1 SHEET 2 OF 2

DRAWING NUMBER: 302-070-221-201 ISSUE

PART NUMBER: 302-070-221-201 1