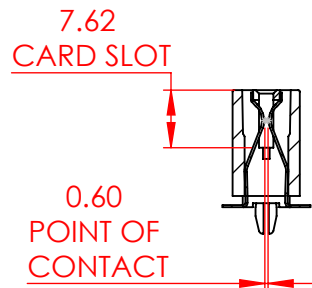
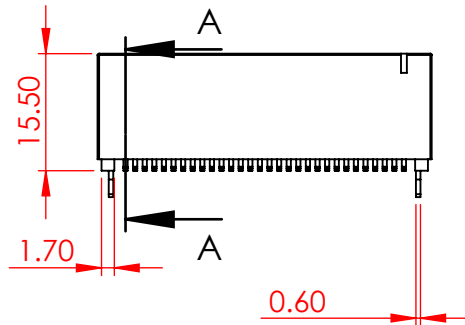
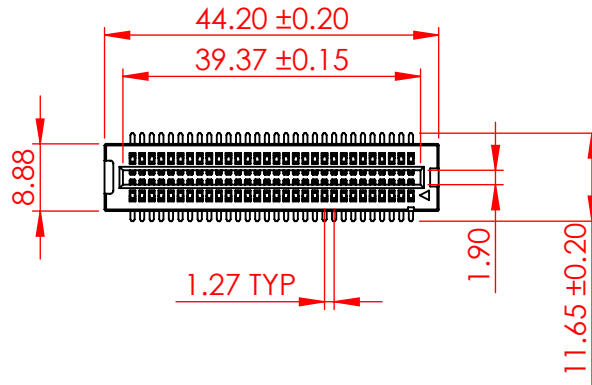


TOLERANCE UNLESS OTHERWISE SPECIFIED	
0-10	±0.20
10-30	±0.30
30-100	±0.40

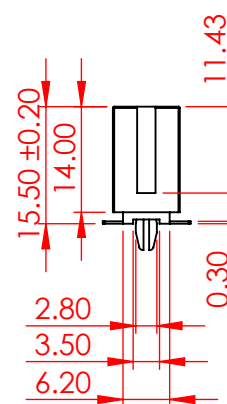
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ISSUE NUMBER	
ORIGINAL	①



SECTION A-A
SCALE 1 : 1



SPECIFICATIONS:

MATERIAL: HI-TEMP THERMOPLASTIC, PPS
HOUSING: COPPER ALLOY
CONTACT: GOLD FLASH PLATING ON CONTACT AREA,
PLATING: 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 +105°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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TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

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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: 302-060-299-206		ISSUE 1	
PART NUMBER: 302-060-299-206			

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

302-060-299-206

MOUNTING CODE

CONTACT CODE



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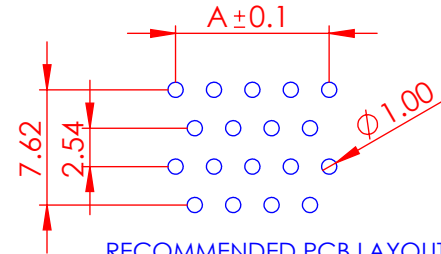
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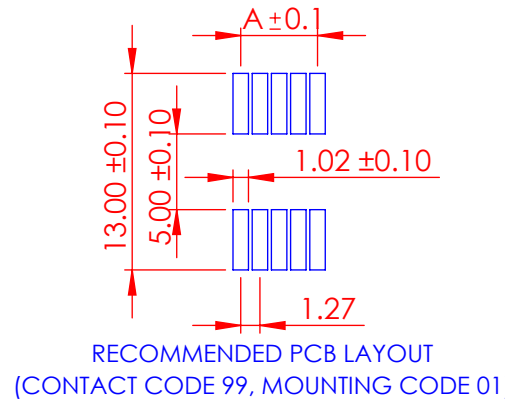
ISSUE NUMBER

ORIGINAL

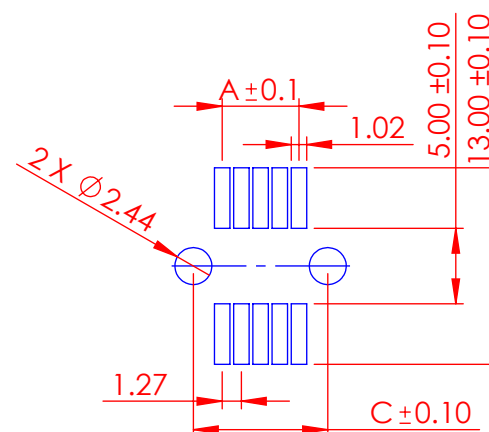
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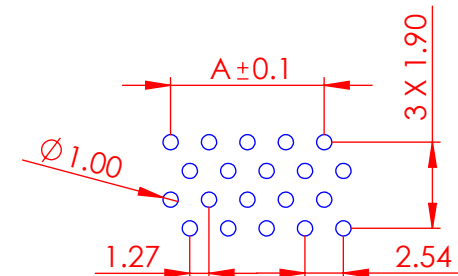
RECOMMENDED PCB LAYOUT
(CONTACT CODE 21)



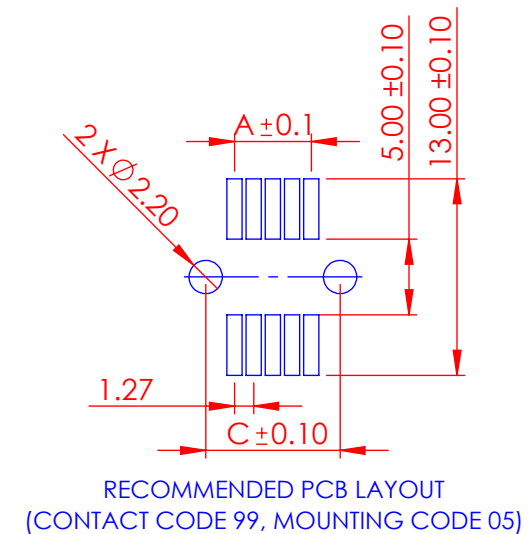
RECOMMENDED PCB LAYOUT
(CONTACT CODE 99, MOUNTING CODE 01)



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: 302-060-299-206 ISSUE

PART NUMBER: 302-060-299-206 1