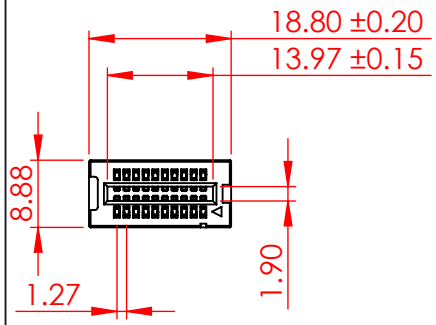
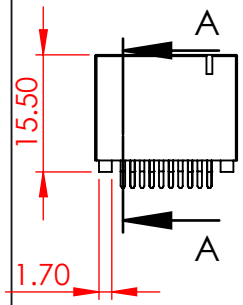
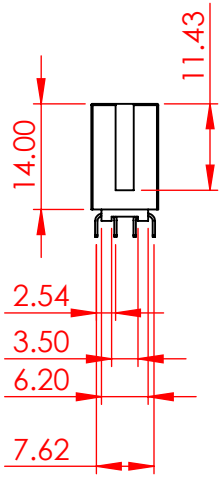
TOLERANCE UNLESS OTHERWISE SPECIFIED	
0-10	±0.20
10-30	±0.30
30-100	±0.40

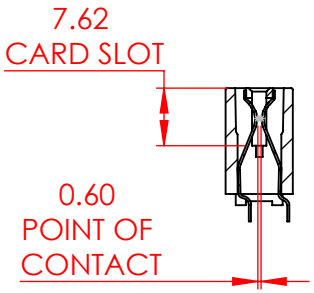
THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.

ISSUE NUMBER	
ORIGINAL	1









SECTION A-A
SCALE 1 : 1

SPECIFICATIONS:

MATERIAL:	
HOUSING:	HI-TEMP THERMOPLASTIC, PPS
CONTACT:	COPPER ALLOY
PLATING:	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 +105°C

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

RoHS COMPLIANT

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

802 SERIES CARD EDGE CONNECTOR

EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC.,AND SHALL NOT BE REPRODUCED,OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

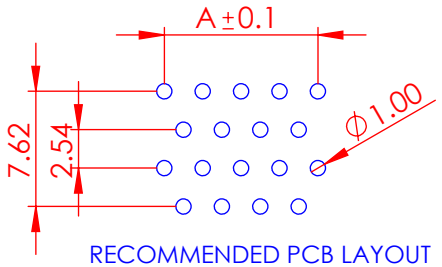
ACAD REFERENCE NO.:	802 Assembly		UNIT: MM
DRAWN: J.L.		DATE: June 6, 2023	
CHECKED:		DATE:	
SCALE: 1:1		SHEET 1 OF 2	
DRAWING NUMBER:	802-020-221-201		ISSUE 1
PART NUMBER:	802-020-221-201		

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

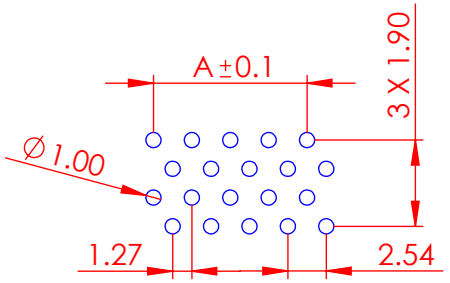
ISSUE NUMBER	
ORIGINAL	1

	DIMENSION A	
NO. OF POS.	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



RECOMMENDED PCB LAYOUT
(CONTACT CODE 21)



RECOMMENDED PCB LAYOUT
(CONTACT CODE 58)

802-020-221-201

MOUNTING CODE

CONTACT CODE

RoHS COMPLIANT

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

802 SERIES CARD EDGE CONNECTOR

ACAD REFERENCE NO.: 802 Assembly		UNIT: MM
DRAWN: J.L.	DATE: June 6, 2023	
CHECKED:	DATE:	
SCALE: 1:1	SHEET 2 OF 2	
DRAWING NUMBER: 802-020-221-201		ISSUE 1
PART NUMBER: 802-020-221-201		

EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC.,AND SHALL NOT BE REPRODUCED,OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.