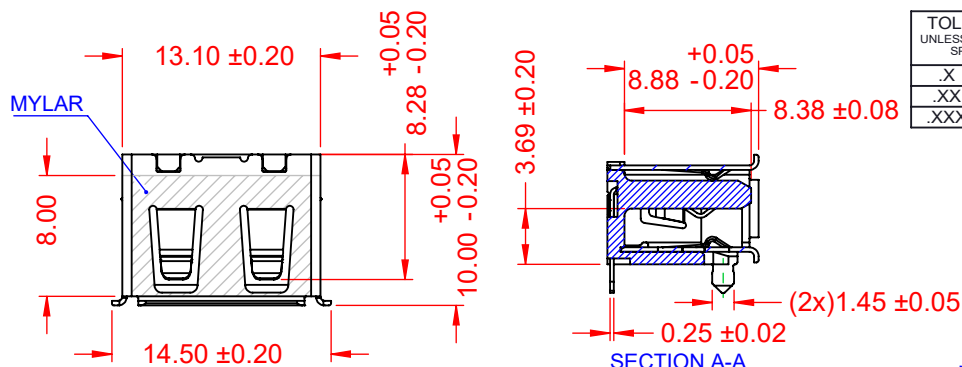
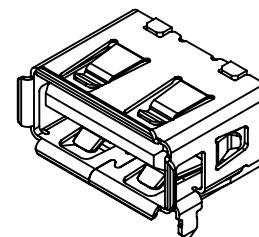


THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



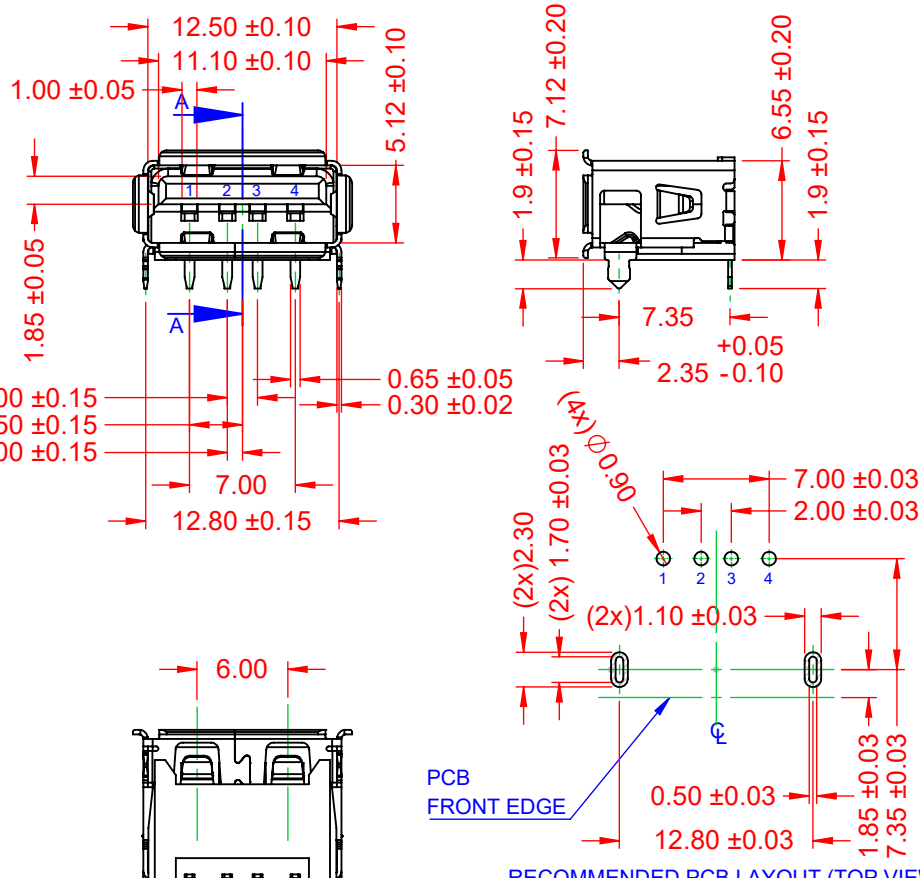
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |
|--------------------------------------|-------|
| .X                                   | ±0.25 |
| .XX                                  | ±0.13 |
| .XXX                                 | ±0.05 |



SECTION A-A

NOTES:

- MATERIAL SHELL: STAINLESS STEEL T=0.30mm
- SHELL PLATING: 30µ" NICKEL MIN. UNDERPLATED
- TERMINAL: PHOSPHOR BRONZE T=0.25
- TERMINAL PLATING: 30µ" GOLD PLATED ON CONTACT AREA, 80µ" MIN. TIN PLATED ON SOLDER TAILS, 50µ" MIN NICKEL UNDERPLATED OVERALL
- HOUSING: LCP, UL94V-0, BLACK, HF
- ELETRICAL:
  - RATED VOLTAGE: 30V rms MAX
  - RATED CURRENT: 2.5AMP
  - INSULATION RESISTANCE: 1000MΩ MIN. 500V DC
  - CONTACT RESISTANCE: 30mΩ MAX.
  - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC
- ENVIRONMENTAL
  - OPERATING TEMPERATURE: -40°C TO +85°C
  - STORAGE TEMPERATURE: -40°C TO +85°C, RELATIVE HUMIDITY (%): 20% TO 70%
- STORAGE LIFE: 12 MONTHS MAX
- SALT SPRAY TEST: 48H MAX
- MECHANICAL:
  - INSERTION FORCE: 35N MAX.
  - EXTRACTION FOCE: 10N
  - DURABILITY: 10000 CYCLES
  - THE PEAK OF TEMPERATURE ON SOLDERING: PIP:260±5°C 5 TO 10S



RECOMMENDED PCB LAYOUT (TOP VIEW)  
P.C.B THICKNESS = 1.20mm (TOLERANCE = ±0.05)

690 SERIES SHORT BODY USB TYPE-A RECEPTACLE RIGHT ANGLE PCB

|                                     |                   |
|-------------------------------------|-------------------|
| ACAD REFERENCE NO.: 690A104-621-411 |                   |
| DRAWN: P.M.                         | DATE: DEC 17/2020 |
| CHECKED: C.B                        | DATE: DEC 17/2020 |
| SCALE: 2:1                          | SHEET 1 OF 1      |
| DRAWING NUMBER: 690A104-621-411     | ISSUE             |
| PART NUMBER: 690A104-621-411        | 1                 |



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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