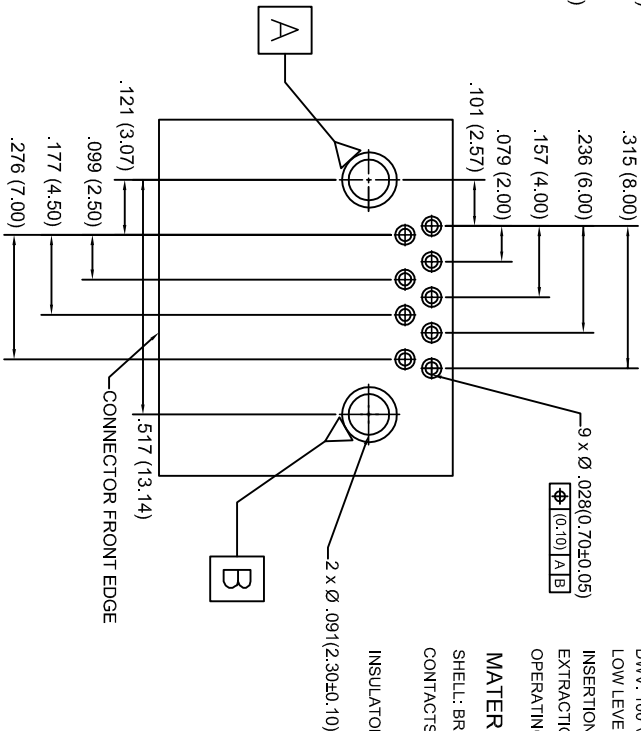
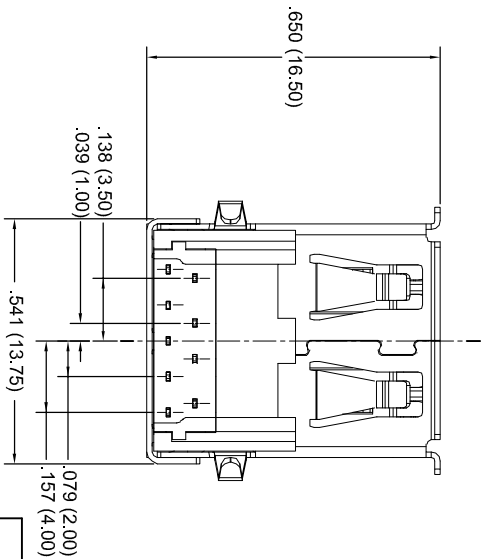
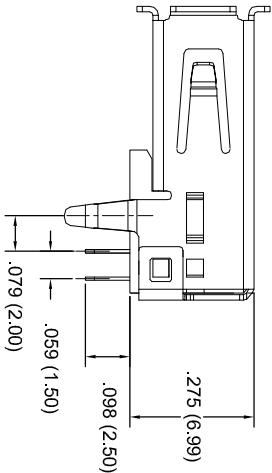
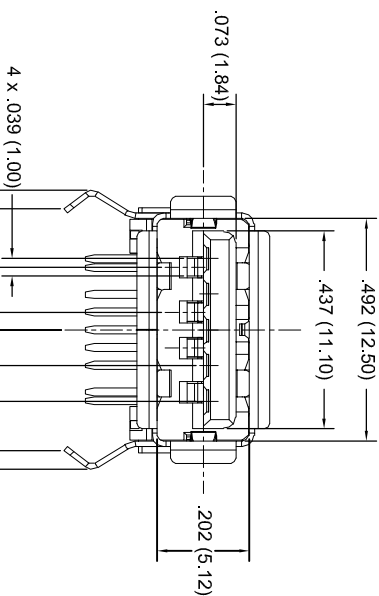
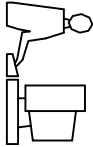


THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



RECOMMENDED P.C.B LAYOUT (±0.05)

### SPECIFICATION:

CONTACT CURRENT RATING: 1.8 A PER PIN MIN. AT 25°C (STILL AIR)  
INSULATION RESISTANCE: 100 MEGOHMS MIN. AT DC FOR 1 MINUTE  
DWV: 100 VAC FOR 1 MINUTE  
LOW LEVEL CONTACT RESISTANCE: 50 MILLIOMHS MAX.  
INSERTION FORCE: 3.57 KG.(35N) MAX.  
EXTRACTION FORCE: 1.02 KG.(10N) MIN. FOR INITIAL  
OPERATING TEMPERATURE: -30°C TO +85°C

### MATERIALS:

SHELL: BRASS, NICKEL PLATED  
CONTACTS: PHOSPHOR BRONZE, PLATED WITH 15 MICRONS OF GOLD  
ON CONTACT AREA, TIN ON TAIL OVER NICKEL.  
INSULATORS: PBT, UL94V-0, BLUE COLOR (PANTONE 300C)

| PART NUMBERS    | GOLD PLATING  | PACKAGING DETAIL |
|-----------------|---------------|------------------|
| 690-009-521-013 | 15 u" OF GOLD | TAPE AND REEL    |
| 690-009-521-313 | 15 u" OF GOLD | PLASTIC TRAY     |
| 690-009-621-013 | 30 u" OF GOLD | TAPE AND REEL    |
| 690-009-621-313 | 30 u" OF GOLD | PLASTIC TRAY     |

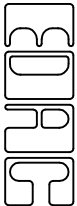


THIS SERIES FULLY CONFORMS TO THE  
EUROPEAN UNION DIRECTIVES 2002/95/EC  
AND 2002/96/EC FOR ROHS COMPLIANCY.

## USB-A RECEPTACLE 90° DIP, 3.0 VERSION

### NOTE:

TOLERANCE FOR ALL DIMENSIONS IS ±.006 (±0.15),  
UNLESS OTHERWISE SPECIFIED



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.

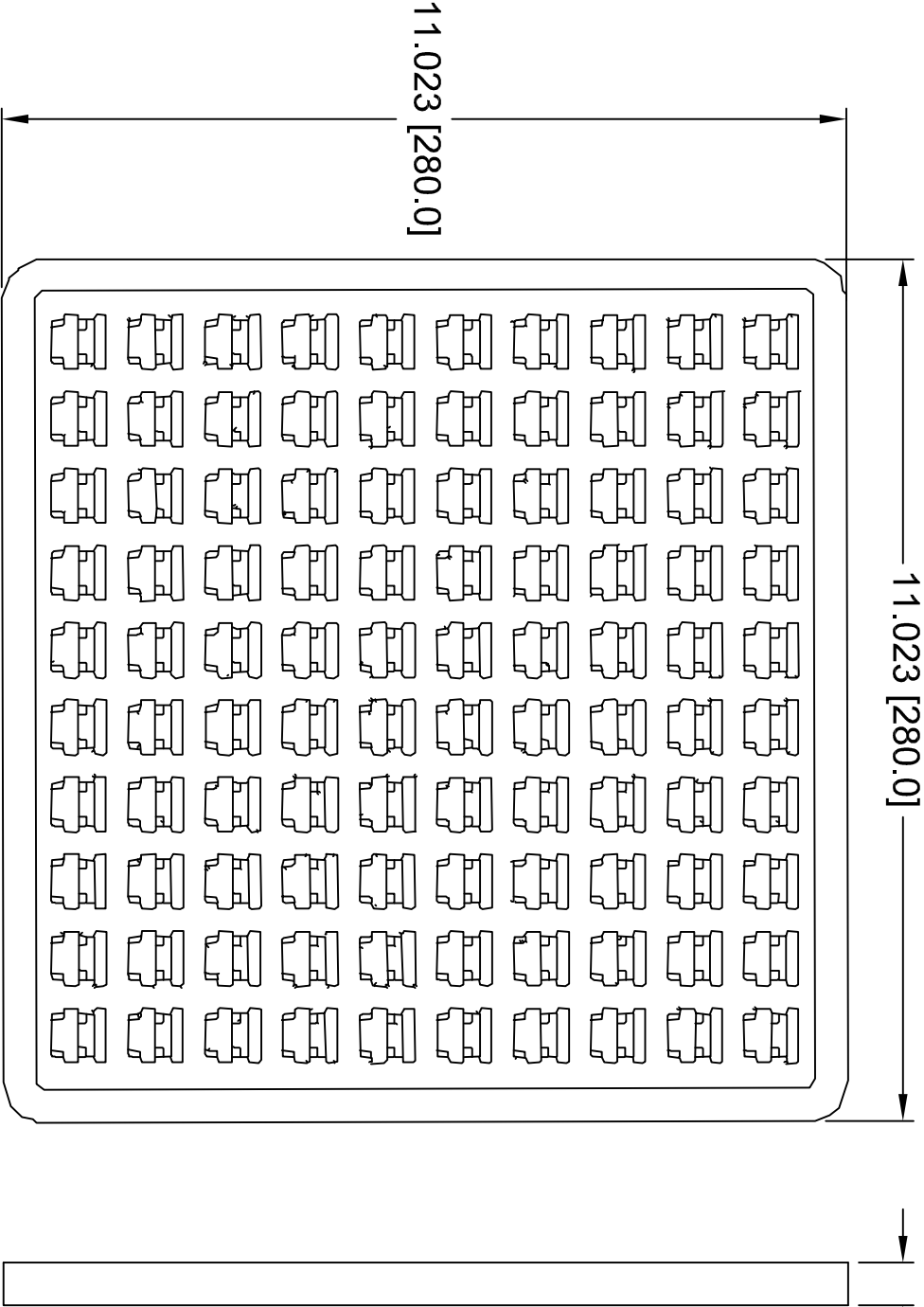
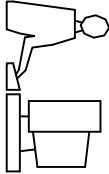
| ISSUE NUMBER                 |
|------------------------------|
| REMOVE P/N: 690-009-221-013  |
| R.STAMONICA MAY.07/10 ⑦      |
| ADD P/N: 690-009-521T013 AND |
| 690-009-621T013              |
| R.STAMONICA JUN.01/10 ⑧      |
| 690-009-521-313 WAS          |
| 690-009-521T013 AND          |
| 690-009-621-313 WAS          |
| 690-009-621T013. ADD TAPE &  |
| REEL AND PCB TOLERANCE       |
| R.STAMONICA JUN.07/10        |
| ADD POSTION NOS. AT ⑩        |
| PCB LAYOUT                   |
| F.BRIONES MAY.11/2012        |
| 300PCS WAS 350PCS/REEL ⑪     |
| R.STAMONICA NOV.20/2014      |
| UPDATE DRAWING ⑫             |

|                    |                 |
|--------------------|-----------------|
| ACAD REFERENCE NO. | 690-009-521-013 |
| DRAWN: C.B         | DATE: AUG.16/16 |

|                |                 |              |
|----------------|-----------------|--------------|
| PART NUMBER    | SEE ABOVE       | SHEET 1 OF 3 |
| DRAWING NUMBER | 690-009-521-013 | ISSUE        |
|                |                 | 12           |



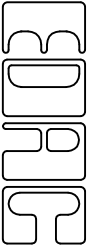
|                    |        |                 |
|--------------------|--------|-----------------|
| ACAD REFERENCE NO. |        | 690-009-521-013 |
| DRAWN:-            | DATE:- |                 |
| PART NUMBER        |        |                 |
| SEE PAGE 1 OF 3    |        | SHEET 2 OF 3    |
| DRAWING NUMBER     | ISSUE  |                 |
| 690-009-521-013    | 12     |                 |



NOTES:

1. MATERIAL: TRANSPARENT PVC
2. THICKNESS: 0.20 ± 0.05MM
3. PCS / TRAY : 100PCS
4. TRAY / BOX : 25TRAYS
5. PCS / BOX : 2500PCS
6. CARTON SIZE:  
300MM x 300MM x 265MM

USB-A RECEPTACLE 90° DIP, 3.0 VERSION  
TRAY PACKAGING (100 PCS PER TRAY)



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. 690-009-521-013

DRAWN:- DATE: -

PART NUMBER

SEE PAGE 1 OF 3

SHEET 3 OF 3

DRAWING NUMBER

690-009-521-013

ISSUE

12