

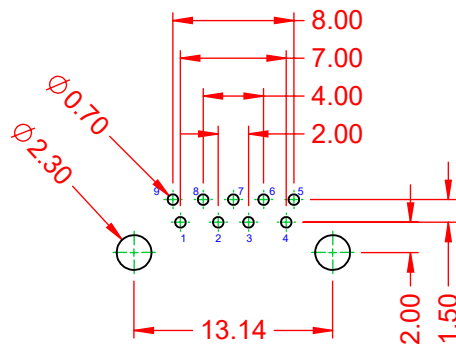
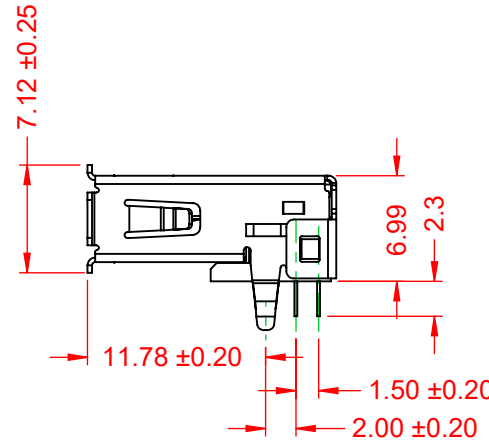
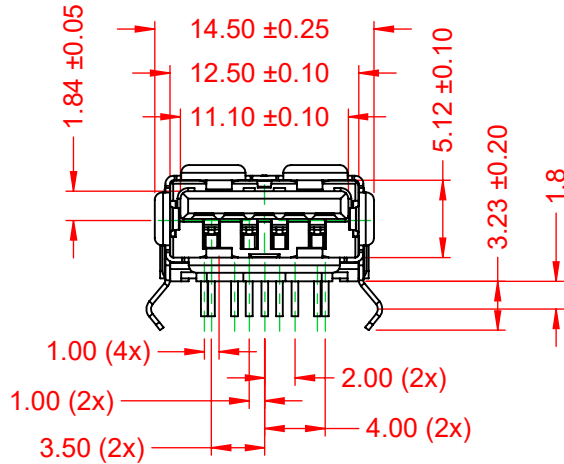
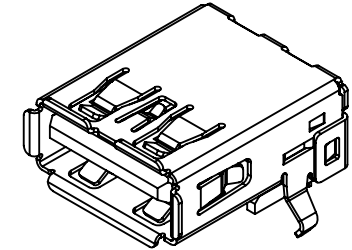
TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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

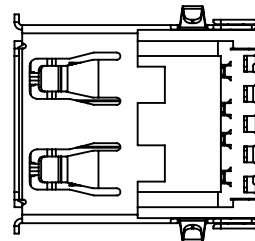


ISSUE NUMBER	
ORIGINAL	①

PIN	SIGNAL
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND DRAIN
8	SSTX-
9	SSTX+



RECOMMENDED P.C.B HOLE LAYOUT  
TOP VIEW (TOLERANCE: ±0.05)



**NOTE:**  
 ELECTRICAL SPECIFICATIONS: 30V MAX.  
 VOLTAGE RATING: 1.8A  
 CURRENT RATING: 30mA MAX.  
 CONTACT RESISTANCE: INITIAL FOR VBUS AND GND CONTACTS 50mΩ MAX. INITIAL FOR ALL OTHER CONTACTS 100mΩ min.  
 INSULATOR RESISTANCE: 100V AC  
 DIELECTRIC WITHSTANDING VOLTAGE: -40°C ~ 85°C  
 OPERATING TEMPERATURE: -20°C ~ 60°C  
 STORAGE TEMPERATURE:

**MATERIAL & FINISH:**  
 SHELL: T=0.30, NICKEL PLATED COPPER ALLOY  
 HOUSING: LCP, BLUE IN COLOUR, UL94V-0  
 CONTACTS: 15µ" GOLD PLATED COPPER ALLOY



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



YOUR CONNECTION TO QUALITY & SERVICE

EDAC INC  
TORONTO, ONTARIO  
CANADA

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690 SERIES RECEPTACLES USB 3.0 TYPE-A RIGHT ANGLE PCB		ACAD REFERENCE NO.: 690B109-X23-0X2	
DRAWN: C.B	CHECKED:	DATE: December 17, 2020	DATE:
SCALE: 2:1	SHEET 1 OF 1		ISSUE
DRAWING NUMBER: 690B109-X23-0X2	PART NUMBER: 690B109-523-012		1