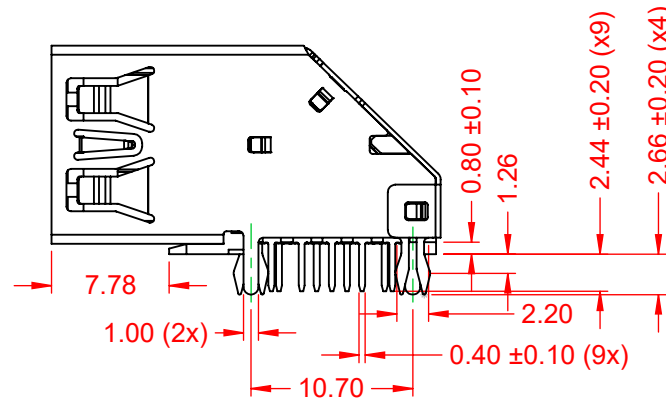
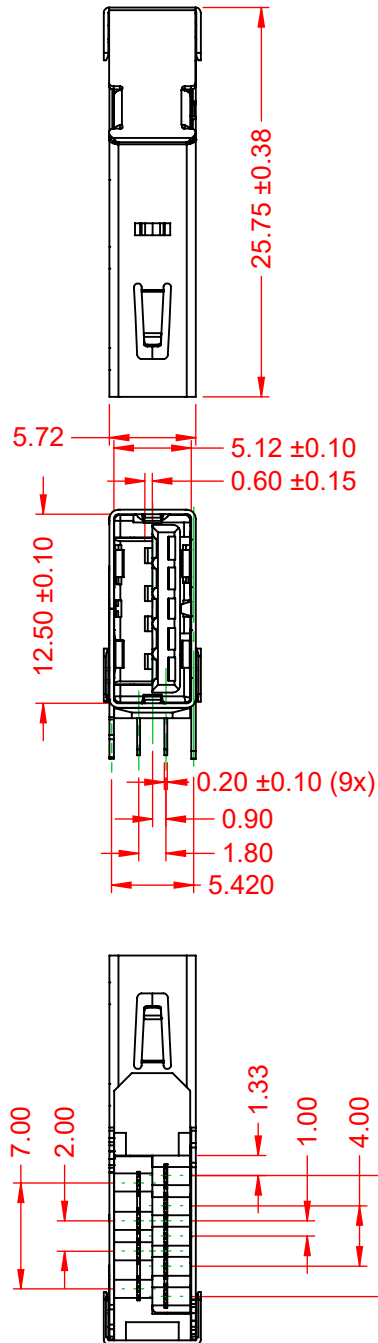
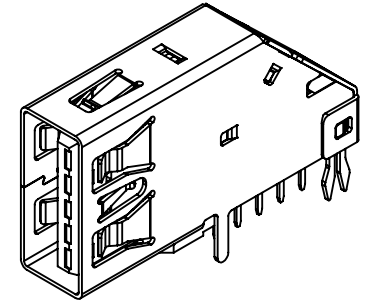


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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



ISSUE NUMBER	
ORIGINAL	①



NOTE:

ELECTRICAL SPECIFICATIONS: 30V MAX.
VOLTAGE RATING: 1.8A FOR PIN 1 & PIN 4
CURRENT RATING: 30mΩ MAX. INITIAL FOR VBUS AND GND CONTACTS
CONTACT RESISTANCE: 50mΩ MAX. INITIAL FOR ALL OTHER CONTACTS

INSULATOR RESISTANCE: 100MΩ min.
DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
OPERATING TEMPERATURE: -40 °C ~ 85 °C
STORAGE TEMPERATURE: -20 °C ~ 60 °C

MATERIAL & FINISH:
SHELL: STAINLESS STEEL, T=0.30, NICKEL PLATING
HOUSING: LCP, BLUE IN COLOUR, UL94V-0
CONTACTS: COPPER ALLOY, T=0.20, TIN PLATING ON SOLDER TAILS, 3μ" GOLD PLATING ON CONTACT AREA

690 SERIES RECEPTACLES USB 3.0 TYPE-A UPRIGHT R/ANGLE		ACAD REFERENCE NO.: 690D109-X39-212	
		DRAWN: C.B	DATE: December 17, 2020
CHECKED:	DATE:		
SCALE: 2:1	SHEET 1 OF 2		
DRAWING NUMBER: 690D109-X39-212	ISSUE		
PART NUMBER: 690D109-139-212	1		



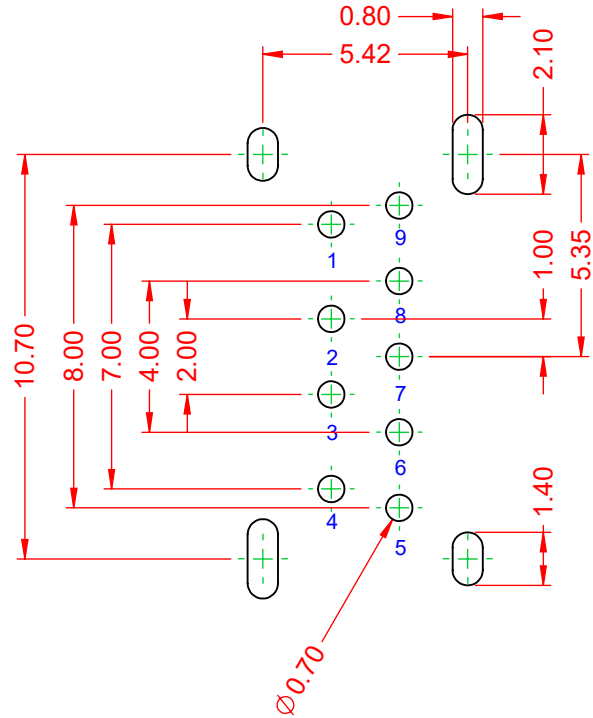
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC., AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

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

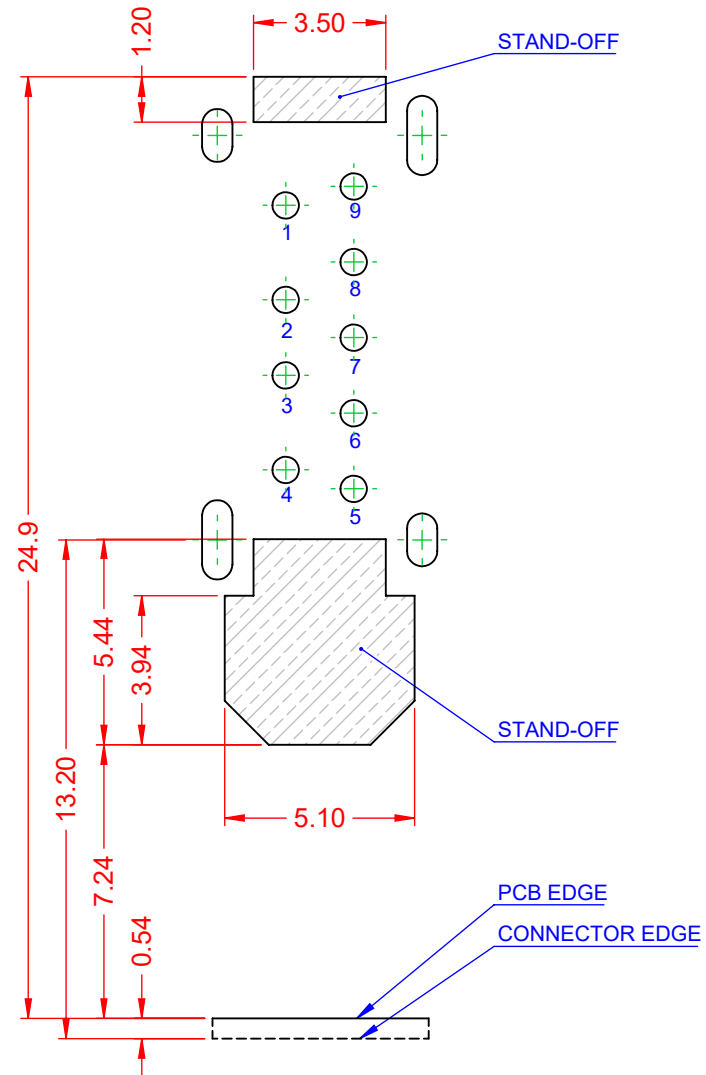
THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①



RECOMMENDED PCB LAYOUT (COMPONENT TOP VIEW)
THK=1.60 ALL TOL IS ±0.10



690 SERIES RECEPTACLES USB 3.0 TYPE-A UPRIGHT R/ANGLE PCB		ACAD REFERENCE NO.: 690D109-X39-212	
		DRAWN: C.B	DATE: December 17, 2020
CHECKED:		DATE:	
SCALE: 5:1		SHEET 2 OF 2	
DRAWING NUMBER: 690D109-X39-212			ISSUE
PART NUMBER: 690D109-139-212			1



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



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.