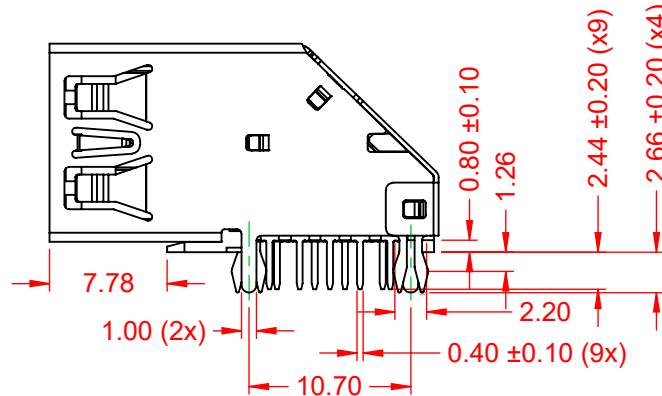
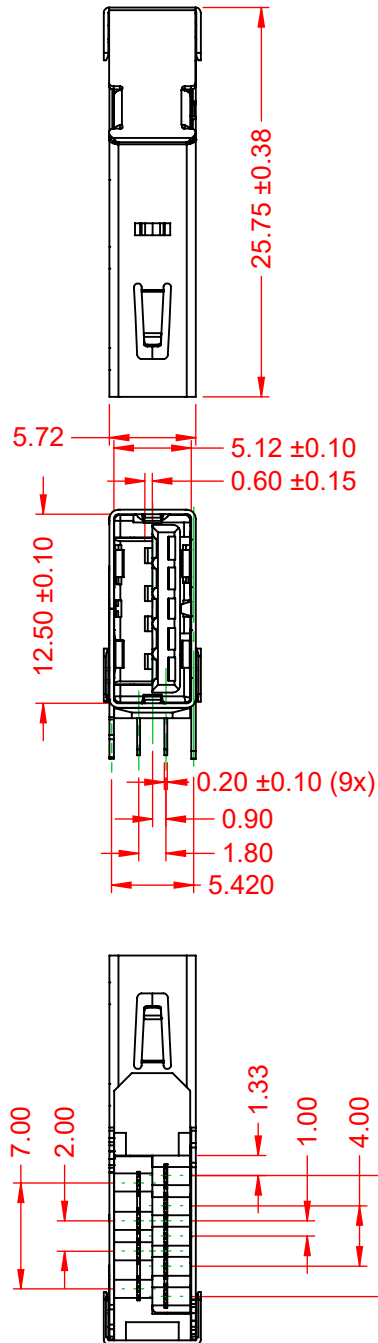
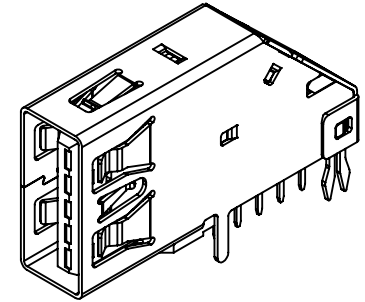


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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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, 15µ" GOLD PLATING ON CONTACT AREA



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TORONTO, ONTARIO
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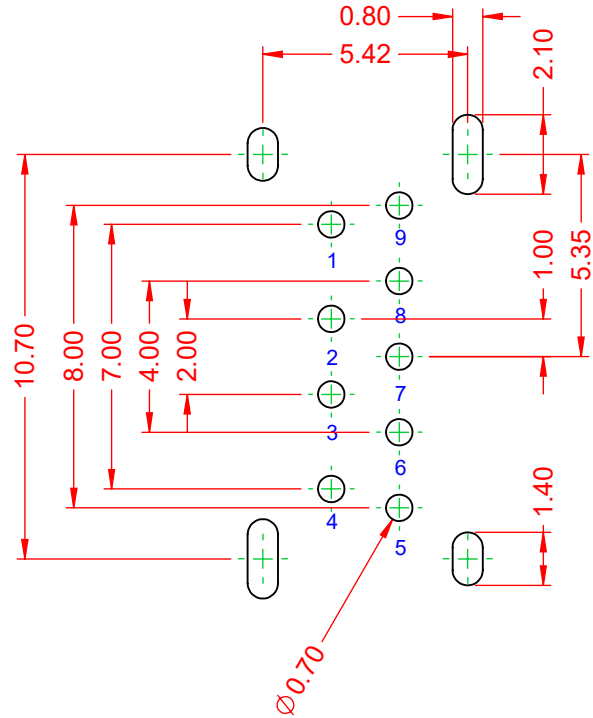
690 SERIES RECEPTACLES USB 3.0 TYPE-A UPRIGHT R/ANGLE		ACAD REFERENCE NO.: 690D109-X39-212	
DRAWN: C.B	CHECKED:	DATE: December 17, 2020	DATE:
SCALE: 2:1	SHEET 1 OF 2		ISSUE
DRAWING NUMBER: 690D109-X39-212	PART NUMBER: 690D109-539-212		1

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

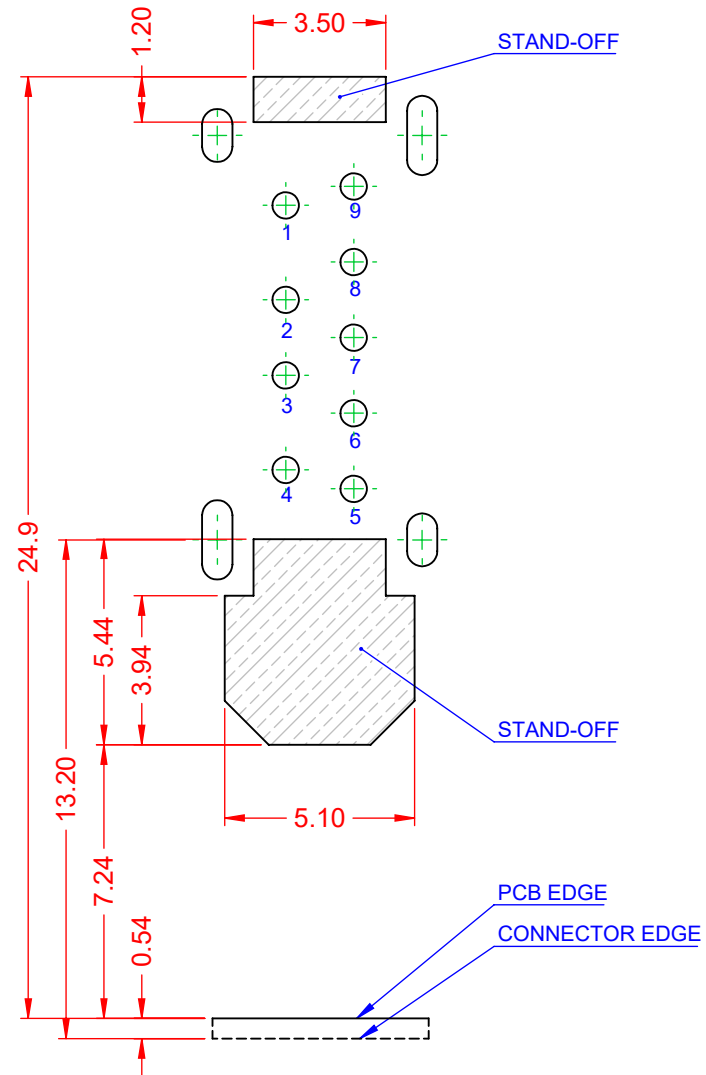
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ISSUE NUMBER	
ORIGINAL	①



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: 690D109-539-212	1



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