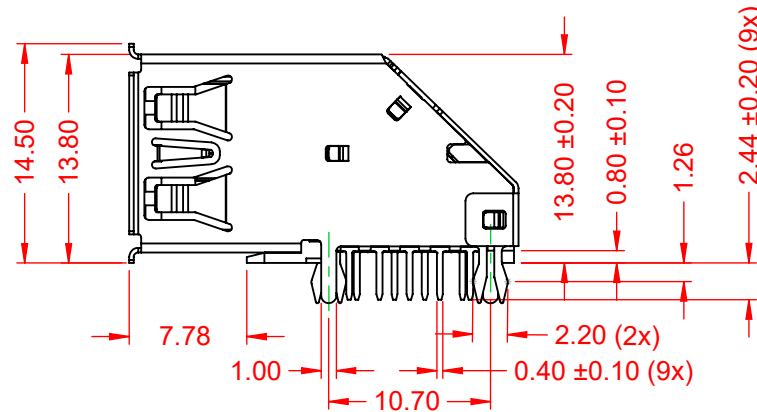
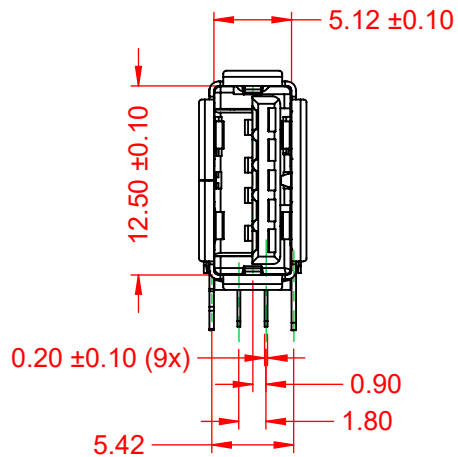
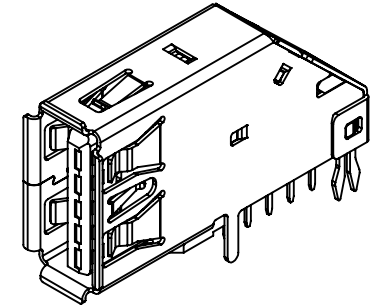


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
.XX	±0.13
.XXX	±0.05

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DO NOT MAKE MANUAL REVISIONS TO MASTER.



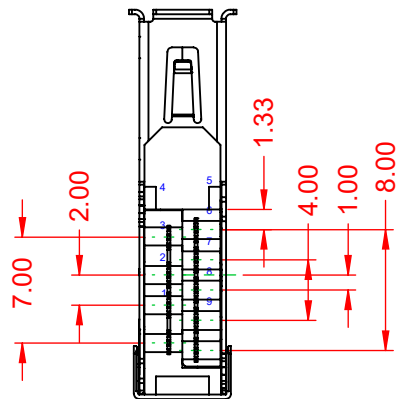
ISSUE NUMBER	
ORIGINAL	①



NOTE:
ELECTRICAL SPECIFICATIONS: 30V MAX.
VOLTAGE RATING: 1.8A per CONTACT
CURRENT RATING: 30mΩ MAX. INITIAL FOR
CONTACT RESISTANCE: VBUS AND GND CONTACTS
 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: PBT, BLACK IN COLOUR, UL94V-0
CONTACTS: COPPER ALLOY, T=0.20,
 TIN PLATING ON SOLDER TAILS,
 30μ" GOLD PLATING
 ON CONTACT AREA



690 SERIES RECEPTACLES USB 3.0 TYPE-A UPRIGHT R/ANGLE PCB

ACAD REFERENCE NO.: 690D109-X39-0XX	
DRAWN: C.B	DATE: December 17, 2020
CHECKED:	DATE:
SCALE: 2:1	SHEET 1 OF 2
DRAWING NUMBER: 690D109-X39-0XX	ISSUE
PART NUMBER: 690D109-639-021	1



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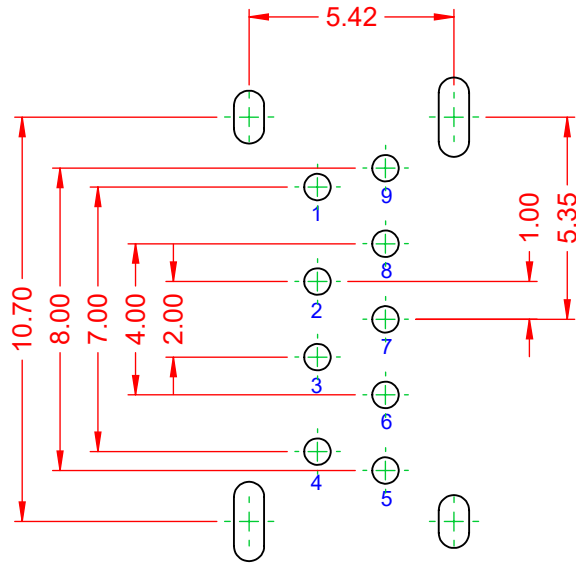
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TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.25
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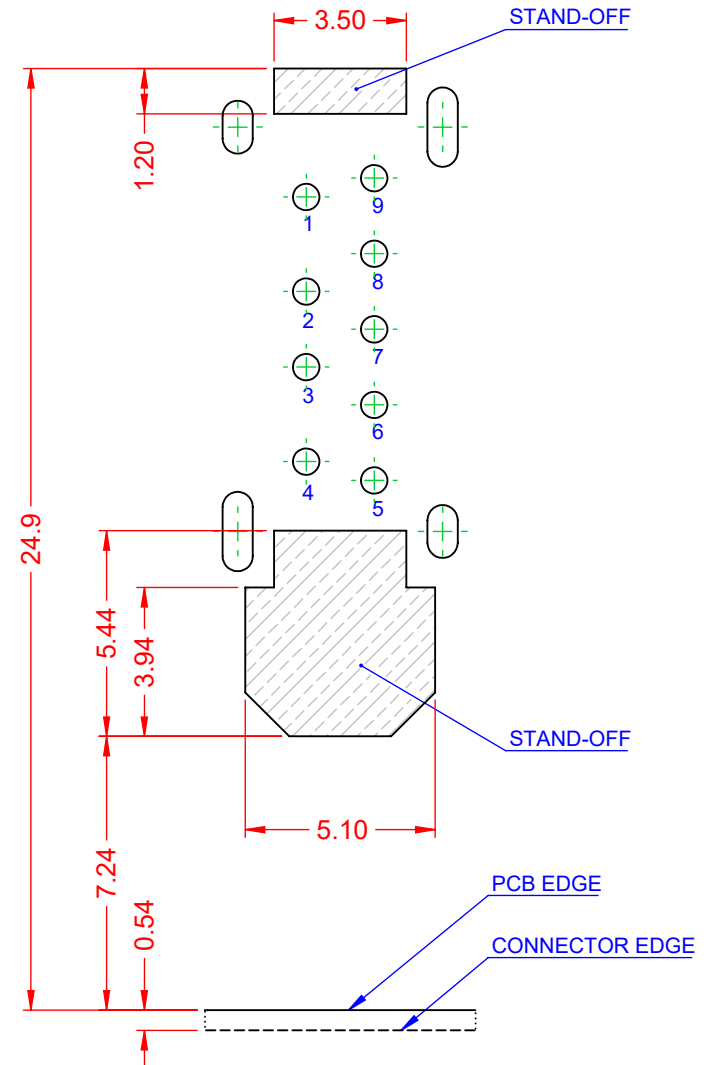


ISSUE NUMBER	
ORIGINAL	①



⊕0.10Ⓢ XⓈ YⓈ

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-X39-0XX	
DRAWN: C.B	DATE: December 17, 2020
CHECKED:	DATE:
SCALE: 5:1	SHEET 2 OF 2
DRAWING NUMBER: 690D109-X39-0XX	ISSUE
PART NUMBER: 690D109-639-021	1



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