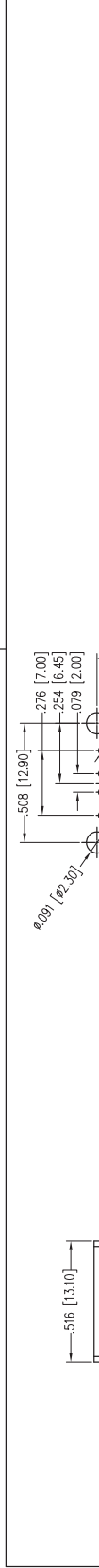
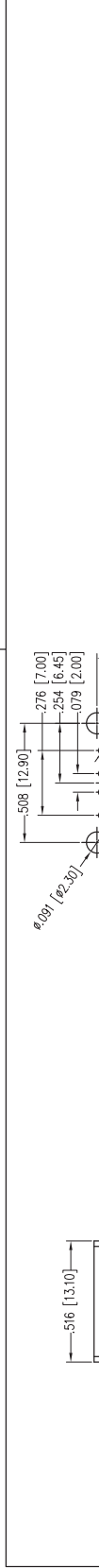


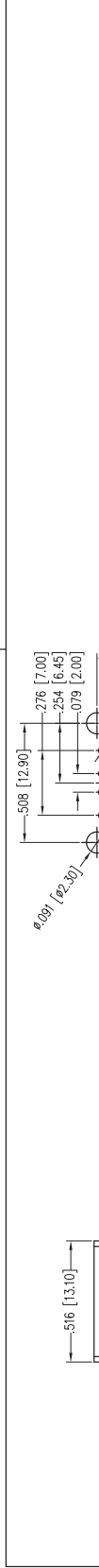
DATE	REV	ECN	APPD. BY
12/07/21	A0	11901	JME



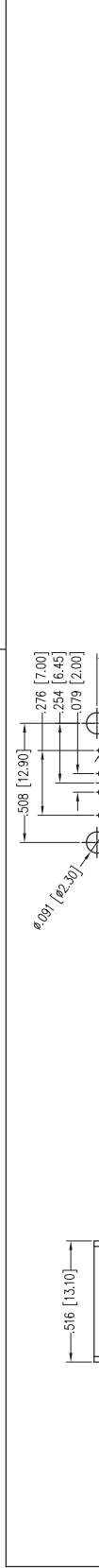
RECOMMENDED P.C.B. LAYOUT (2) (THICKNESS=1.6mm)  
(GENERAL TOLERANCE: ±0.05)



INNER P.C.B. EDGE



THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING  
DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS: INCHES [METRIC]  
UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE ±0.05 [0.13]  
ANGLES ARE ± 1°  
SHEET NO. 1 OF 1

6 MICRO-INCHES [0.15um] CONTACT PLATING IN MATING AREA

SS-52100-004 PART NUMBER

11118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512  
<http://www.stewartconnector.com>

**stewart**  
CONNECTOR  
a bel group

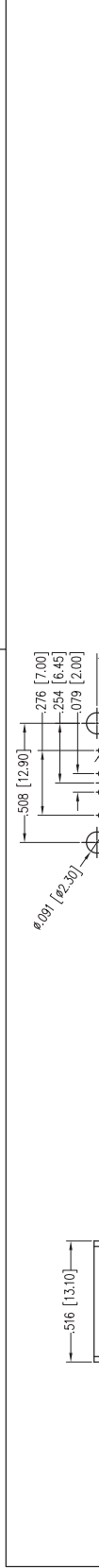
4 PORT USB 2.0 STACK JACK

DRN BY: JME DATE: 12/07/21  
APPD BY: JME DATE: 12/07/21  
DWG NO: CT520015 REV: A0

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF STEWART CONNECTOR, ONE OR MORE U.S. PATENTS MAY APPLY TO THIS PRODUCT. FOR DETAILS, PLEASE VISIT: [HTTP://BELFUSE.COM/STEWART/PATENTS/](http://BELFUSE.COM/STEWART/PATENTS/)

NOTES:  
1. MECHANICAL:  
MATING: 35N MAX.  
WITHDRAWAL: 10N MIN.  
DURABILITY: 1500 INSERTION CYCLES  
2. ELECTRICAL:  
CURRENT: 1.8A Maximum for pin1 and pin4, and 0.25A for all the other pin.  
VOLTAGE: 30 vac (rms)  
WITHSTANDING VOLTAGE: 100V AC  
CONTACT RESISTANCE:  
30 mΩ (Max) initial for pin1 and pin4.  
50 mΩ (Max) initial for all other contacts.  
Maximum change of <math>\pm 10m\Omega</math> after environmental stresses.  
Measure at 20 mV (Max) open circuit at 100 mA.  
DIELECTRIC WITHSTANDING VOLTAGE: 100V AC(RMS)  
INSULATION RESISTANCE: 100MQ MIN.  
3. ENVIRONMENTAL  
TEMPERATURE RANGE: -55° C ~ +85° C  
4. MATERIAL:  
HOUSING: THERMOPLASTIC UL94V-0, BLACK  
CONTACTS: GOLD PLATING IN MATING AREA, TIN ON SOLDER TAIL  
FRONT SHIELD: NICKEL PLATED  
REAR SHIELD: NICKEL PLATED  
SOLDER TAIL: NICKEL PLATED

1 AutoCAD



1

2

A

B