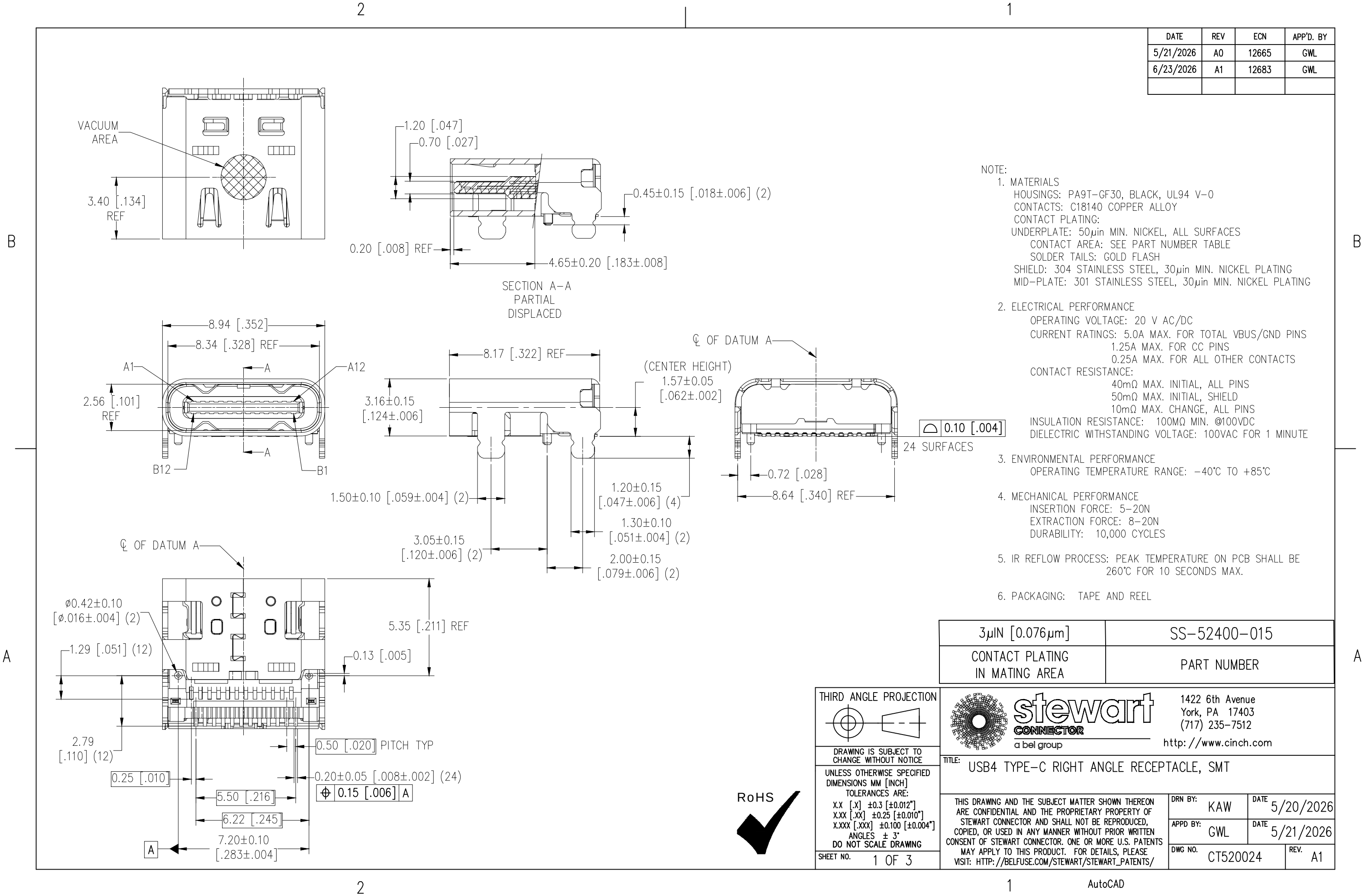




DATE	REV	ECN	APP'D. BY
5/21/2026	A0	12665	GWL
6/23/2026	A1	12683	GWL

- NOTE:
- MATERIALS
HOUSINGS: PA9T-GF30, BLACK, UL94 V-0
CONTACTS: C18140 COPPER ALLOY
CONTACT PLATING:
UNDERPLATE: 50µin MIN. NICKEL, ALL SURFACES
CONTACT AREA: SEE PART NUMBER TABLE
SOLDER TAILS: GOLD FLASH
SHIELD: 304 STAINLESS STEEL, 30µin MIN. NICKEL PLATING
MID-PLATE: 301 STAINLESS STEEL, 30µin MIN. NICKEL PLATING
 - ELECTRICAL PERFORMANCE
OPERATING VOLTAGE: 20 V AC/DC
CURRENT RATINGS: 5.0A MAX. FOR TOTAL VBUS/GND PINS
1.25A MAX. FOR CC PINS
0.25A MAX. FOR ALL OTHER CONTACTS
CONTACT RESISTANCE:
40mΩ MAX. INITIAL, ALL PINS
50mΩ MAX. INITIAL, SHIELD
10mΩ MAX. CHANGE, ALL PINS
INSULATION RESISTANCE: 100MΩ MIN. @100VDC
DIELECTRIC WITHSTANDING VOLTAGE: 100VAC FOR 1 MINUTE
 - ENVIRONMENTAL PERFORMANCE
OPERATING TEMPERATURE RANGE: -40°C TO +85°C
 - MECHANICAL PERFORMANCE
INSERTION FORCE: 5-20N
EXTRACTION FORCE: 8-20N
DURABILITY: 10,000 CYCLES
 - IR REFLOW PROCESS: PEAK TEMPERATURE ON PCB SHALL BE 260°C FOR 10 SECONDS MAX.
 - PACKAGING: TAPE AND REEL

3µIN [0.076µm]	SS-52400-015
CONTACT PLATING IN MATING AREA	PART NUMBER

THIRD ANGLE PROJECTION

DRAWING IS SUBJECT TO
CHANGE WITHOUT NOTICE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS MM [INCH]
TOLERANCES ARE:
X.X [.X] ±0.3 [±0.012"]
X.XX [.XX] ±0.25 [±0.010"]
X.XXX [.XXX] ±0.100 [±0.004"]
ANGLES ± 3°
DO NOT SCALE DRAWING

SHEET NO. 1 OF 3

1422 6th Avenue
York, PA 17403
(717) 235-7512
<http://www.cinch.com>

TITLE: USB4 TYPE-C RIGHT ANGLE RECEPTACLE, SMT

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/STEWART_PATENTS/](http://BELFUSE.COM/STEWART/STEWART_PATENTS/)

DRN BY: KAW	DATE 5/20/2026
APPD BY: GWL	DATE 5/21/2026
DWG NO. CT520024	REV. A1



