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| GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111 | Drawing Title: USB 3.1 TYPE-C Connector, female, 16 pins, four-legged plug-in board, three-mode high-conductivity copper | |
| | Model No. Connector | Part No./Ordering No. JACK-USBC-163SMT-4BLS1735 |

In Addition to GlobTek Inc.'s renewed ISO9001:2008 - Quality Management System Certification, GlobTek Inc. is now certified to:

ISO13485:2003 - Medical Devices Quality Management System Certification
ISO14001:2004 - Environmental Management System Certification

ISO Certificates are available online at <http://www.globtek.com/iso-certificates/>

The acceptance of this specification and use of the product described in this document indicates the acceptance and binding of the customer to Globtek TERMS AND CONDITIONS (attached to the end of this document), which supersede all other agreements, terms, and conditions (<http://www.globtek.com/terms-and-conditions/>).

Prop 65 Statement:<https://www.globtek.com/prop-65-statement.pdf>

Footnote:

GlobTek Inc. will not be liable for the safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instruction.

Limitation of Use:

GlobTek products are intended for use with commercial, medical, and/or industrial equipment only. GlobTek product are not authorized for use as mission critical components in life support hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of GlobTek Inc.

Contents of this document are subject to change without prior notice.

Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing.
A delay in receipt of this form will delay delivery schedule.

| | |
|---------------------------------------|--|
| Company Name: _____ | Customer P/N: _____ |
| Quote Number: _____ | Date: _____ |
| Authorized Representative Name: _____ | Authorized Representative Signature: _____ |

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| | | Rev A2 |

REVISION HISTORY

| REV | DESCRIPTION | SUB | DATE | APPROVED |
|-----|---|-----|------------|----------|
| A2 | Update the box quantity information | QA | 06/20/2024 | QA |
| A1 | Update Product description in the Drawing title | QA | 06/07/2024 | QA |
| A | Initial release | QA | 08/03/2022 | QA |

3D CAD FILE:

https://www.globtek.com/file/dl/jack-usbc-163smt-4bls1735_asm.stp

AGENCY ONLINE DOCUMENTS

RoHS/RoHS3 Declaration https://www.globtek.com/pdf/rohs_cert/01t3a000005hbrmAAA

REACH Declaration <https://www.globtek.com/r2/eM2co8>

Conflict Minerals Declaration <https://www.globtek.com/r2/SNw6P3>

Prop 65 Statement <https://www.globtek.com/r2/VMPRnr>

IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.

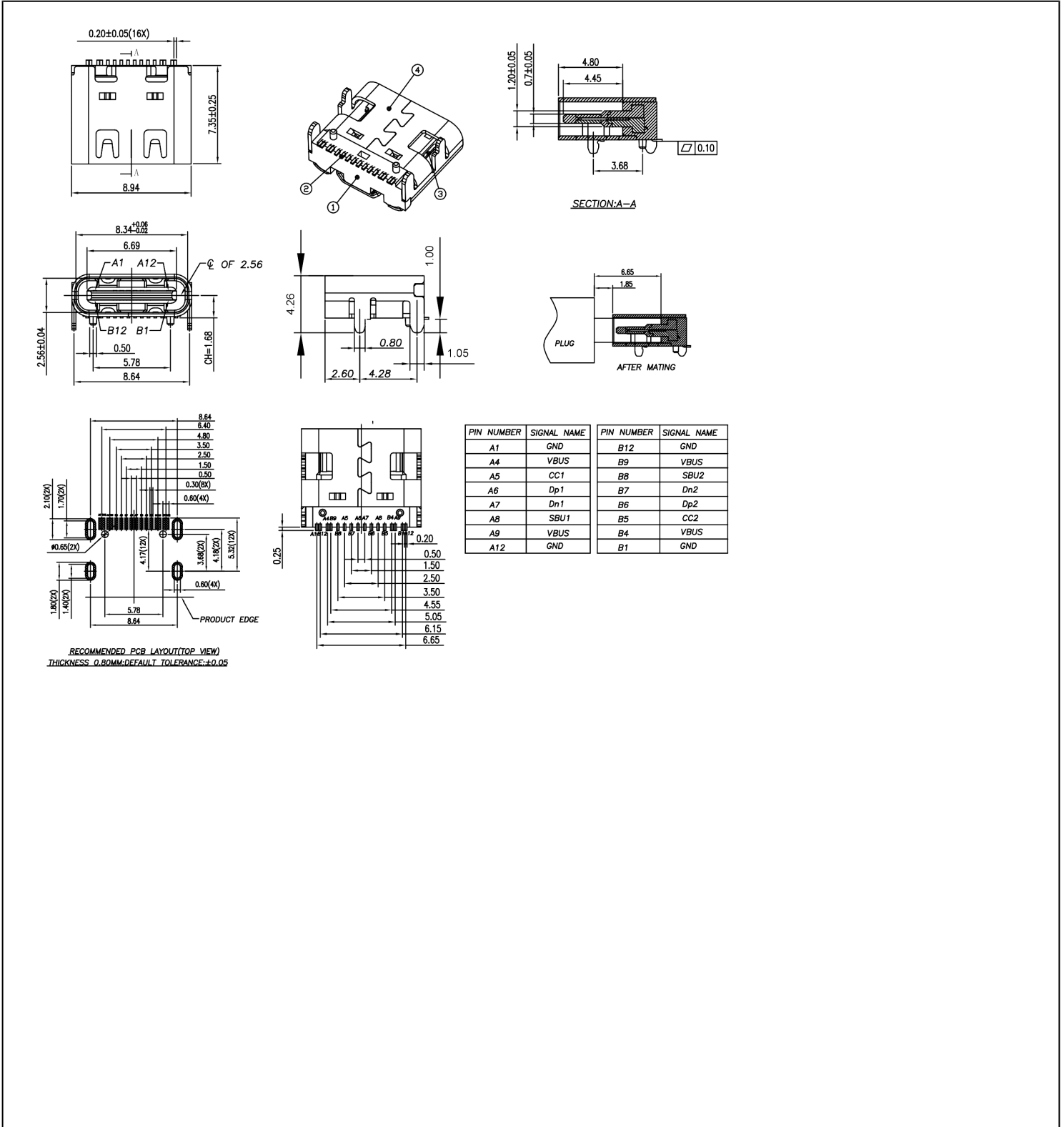
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Model No. [Connector](#)

Part No./Ordering No. [JACK-USBC-163SMT-4BLS1735](#)

Rev A2



PROPRIETARY INFORMATION

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1. MATERIAL SPECIFICATION:

1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC(LCP), UL94 V-0.
2. CONTACTS: COPPER ALLOY
3. MID PLATE: STAINLESS STEEL
4. 4. FRONT SFELL: STAINLESS STEEL

2.PLATING SPECIFICATION: 2-1. CONTACT:

Ni 50U" MIN. UNDER PLATED OVER ALL.

Au 3u" PLATED ON THE FUNCTION AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N)

2-2. FRONT SHELL:

Ni 30U" MIN. UNDER PLATED OVER ALL.

2-3. SHIELD PLATE&EMI PLATE:

CLEAR ONL

3. MECHANICAL PERFORMANCE, 3-1. INSERTION FORCE: 0.5~2.0KGF.

3-2. REMOVAL FORCE: 0.8KGF~2.0KGF.

3-3. DURABILITY: 10000 CYCLES.

4. ELECTRICAL PERFORMANCE

4-1. CURRERNT RATING: 5.0A

VOLTAGE RATINF: 5.0V

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ /PIN MAX.

SHIELD: 50mΩ / MAX.

LLCR MAX. CHACE OF ALL PINS: 10Mω.

4-3. INSULATION RESISTANCE: 100mΩ min.

4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 minute.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C ~ +85°C

6. AIR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C

Temperature Life, Vibration, Cyclic Temperature and Humidity, Thermal Shock, Mixed Flowing Gas and etc.:

<https://www.globtek.com/pdf/ENVIRONMENTAL.pdf>

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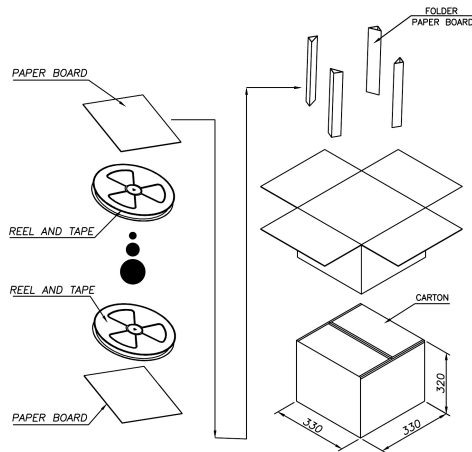
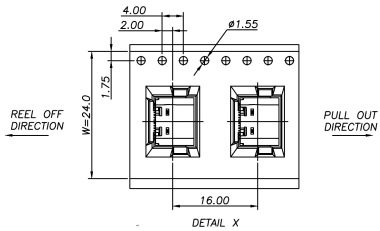
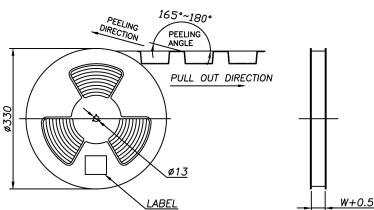
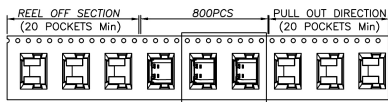
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Packing:



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PACKAGING

Packing Spec P/N:

Box Qty: 1000

Gift Box Size (mm):

Gift Box Color: White

Master Carton Size (mm): 330 x 330 x 320

Master Carton Cubic Volume (m³): 0.03

Master GW (Kg): 8.0 kg

wt Ea. (Kg): 0.01 kg

wt Ea. (Kg): 0.02 kg

LABEL SPECS: ,

PACK SPEC: