GlobTek, Inc.	Drawing Title: 3.1TYPE-C connector male 24P		
www.globtek.com	globtek.com Model No. Connector		
186 Veterans Drive,			
Northvale, NJ 07647			
Tel. (201) 784-1000	Part No./Ordering No. PLUG-USBC-241SMTV-4BQC15	Rev A1	
Fax (201) 784-0111			

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 ( <a href="http://www.globtek.com/terms-and-conditions/">http://www.globtek.com/terms-and-conditions/</a>).

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

### 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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# **REVISION HISTORY**

REV DESCRIPTION		SUB	DATE	APPROVED
A1	Update the box quantity information	QA	06/20/2024	QA
Α	Initial release	QA	07/18/2022	QA

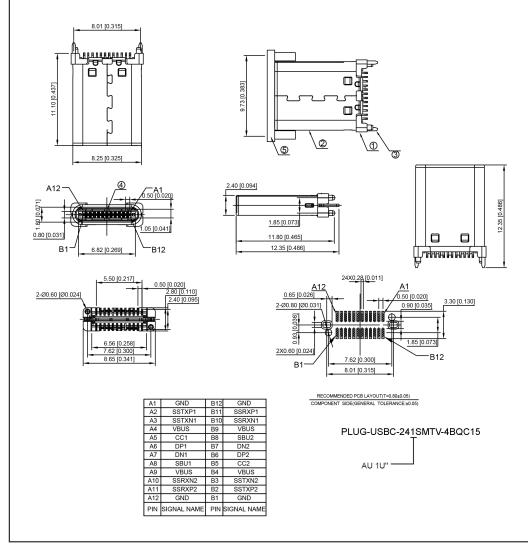
### 3D CAD FILE:

https://www.globtek.com/file/dl/plug-usbc-241smtv-4bqc15.stp

## AGENCY ONLINE DOCUMENTS

RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t3a000005hPDHAA2
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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1.MATERIAL SPECIFICATION:

1-1.HOUSING:LCP,UL94 V-0.

1-2.TERMINAL: COPPER ALLOY

1-3.MID PLATE: STAINLESS STEEL

1-4.FRONT SHELL: STAINLESS STEEL

1-5.EMI PLATE: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID PLATE&EMI PLATE:

**CLEAR ONLY** 

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. VOLTAGE RATING:100V DC/AC (RMS. max)

CURRENT RATING:3.0A MAX

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS:  $40m\Omega/PIN$  MAX.

SHIELD:  $50m\Omega/MAX$ 

LLCR MAX. CHANGE OF ALL PINS:  $10m\Omega$ . 4-3.INSULATION RESISTANCE:  $100M\Omega$  MIN

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

5. ENVIRONMENTAL PERFORMANCE: OPERATING TEMPERATURE: -30°C~+85°C.

6.IR 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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# **PACKAGING** Packing Spec P/N: Box Qty: 300 Gift Box Size (mm): Gift Box Color: White Master Carton Size (mm): 340 x 340 x 220 Master Carton Cubic Volume (m³): 0.03 Master GW (Kg): 6.0 kg wt Ea. (Kg): 0.02 kg wt Ea. (Kg): 0.04 kg LABEL SPECS:, PACK SPEC: