GlobTek, Inc.	Drawing Title: USB-C (USB TYPE-C) USB 3.2 Gen 2 (USB 3.1 Gen 2, Superspeed + (USB 3.1)) Plug Connector 24 Position Surface Mount, R	ight Angle
www.globtek.com	Model No. Connector	
186 Veterans Drive,		
Northvale, NJ 07647		
Tel. (201) 784-1000	Part No./Ordering No. PLUG-USBC-241SMT-4BC2SS	Rev A2
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 ( 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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EV DESCRIPTION		SUB	DATE	APPROVED
A2 Update drawing for clarification	arification on PCB footprint		08/20/2024	QA
A1 Update the box quantity inforr	nation	QA	06/20/2024	QA
A Initial release		QA	07/25/2022	QA
3D CAD FILE:   https://www.globtek.com/file/dl/PLUG-USBC-241SMT-4BC2SS.zip   AGENCY ONLINE DOCUMENTS   RoHS/RoHS3 Declaration https://www.globtek.com/pdf/rohs_cert/01t3a000005hSXmAAM   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.				
onflict Minerals Declaration				
		0.95 [0.037]		
8.25 [0.325] 1.24 [0.049] 2.94 [0.116] 5.50 [0.217] 7.15 [0.281] 8.70 [0.342]	$\frac{1}{1000} \underbrace{1}{1000} \underbrace{1}{1000$			

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NOTE:

1. MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;

1.2 CONTACT: COPPER ALLOY(T=0.15mm)

1.3 SHELL: STEEL(T=0.15mm)

2. ELECTRICAL CHARACTERISTICS;

2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ

CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.

2.2 CONTACT CURRENT RATING: 5A Max FOR VBUS/GND PIN; 0.9A Max

FOR Other PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40°C~85°C

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 6~20N AFTER TEST

3.3 DURABILITY: 10,000 CYCLES, 500 CYCLES/H

4.PLATING

CONTACT: CONTACT AREA PLATING Au 1~30u" ,SOLDER AREA PLATING 80~120U"

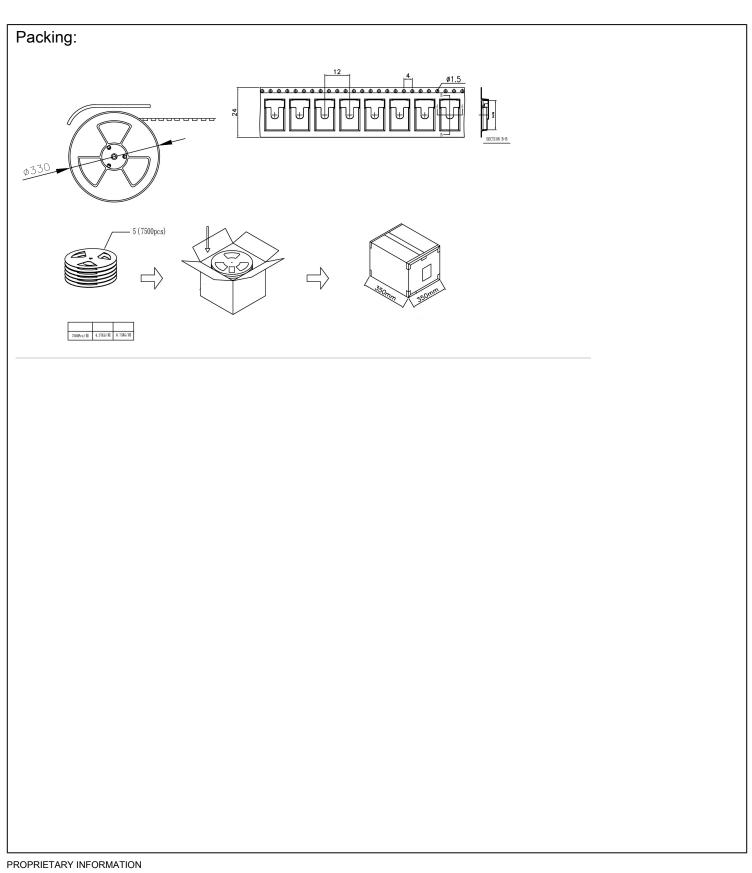
MATTING Sn.

SHELL/SPRING/BUCKLE:20U" Min PLATING OVER ALL

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:	1500
Gift Box Size (mm):	
Gift Box Color:	White
Master Carton Size (mm):	350 x 350 x 220
Master Carton Cubic Volume	(m³): 0.03
Master GW (Kg):	6.8 kg
wt Ea. (Kg):	0.00 kg
wt Ea. (Kg):	0.01 kg

LABEL SPECS: ,

PACK SPEC: