GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: Chassis mount jack for 5.5x2.1mm female barrel connector. Unique 50VDC/8A rating, solder tabs	
	Model No. High Power DC Connectors	
	Part No./Ordering No. JACK-C-PANEL-8A(R)	Rev B4

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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REVISION HISTORY

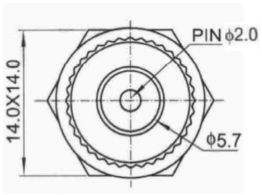
REV	DESCRIPTION	SUB	DATE	APPROVED
B4	Update the datasheet to add "Similar to: " and "Mates with:"	QA	01/24/2024	QA
B3	Add Note to drawing	QA	04/27/2023	QA
B2	Add the panel cut out drawing to the spec, Update operating temperature: -20°C to +70°C	QA	05/04/2022	QA
B1	Update to SF format, add tab material and plating	QA	11/03/2021	QA
B	Update specifications, RFS.27559	QA	07/28/2020	QA
A	Initial release	QA	08/16/2018	QA

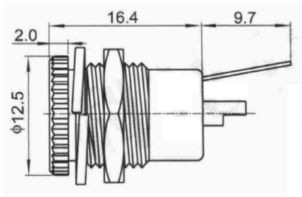
3D CAD FILE:
https://en.globtek.com/pdf/JACK-C-PANEL-8A(R)-2019-08-30.stp

AGENCY ONLINE DOCUMENTS

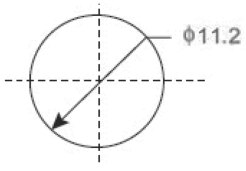
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t0c000008pDtzAAE
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://en.globtek.com/prop-65-statement.pdf

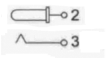
IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.











	MATERIAL	PLATING
Center pin	copper	nickel
Metal case	copper	nickel
Outer spring contact	copper	nickel
Plastic	PPA	
Pins	copper	Bright tin (optional matte tin)

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			50		Vdc
rated input current				8	A
contact resistance				30	mΩ
insulation resistance		100			MΩ
voltage withstand	at 50/60Hz for 1 minute 1500 Vac	1500			Vac
insertion/withdrawal force		0.3		3	kg
Relative humidity				98%(40℃)	
life		10000			cycles

1. Operating temperature -20°C to +70°C
2. Similar to: 721AFMS 54-00063 57−PJ10

   Mates with: T-C-95-S(R) T-C-12-S(R) S760 S765 762 763 KLDX-PA-0202-A PP3-002A 55-00051 EP501A 4840.1200

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PACKAGING

Packing Spec P/N:	
Box Qty:	1000
Gift Box Size (mm):	
Gift Box Color:	White
Master Carton Size (mm):	TBD
Master Carton Cubic Volume (m^3):	0.00
Master GW (Kg):	kg
wt Ea. (Kg):	kg
wt Ea. (Kg):	kg
LABEL SPECS: Standard GT,L-1186	
PACK SPEC:	

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