

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: FDC-Flat Display Connections, HIROSE DF19A X 2 (TFX-005626)	
	Model No.	Part No./Ordering No. <a href="#">DF19A0F3DF19A(R)</a>
		Rev A

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://en.globtek.com/terms-and-conditions/>).

Prop 65 Statement:<https://en.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

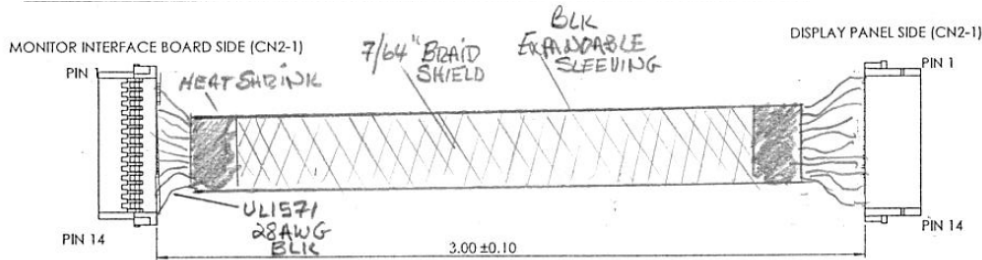
REV	DESCRIPTION	SUB	DATE	APPROVED
A	Initial release	QA	09/07/2018	QA
B	CORRECT BOM/WIRING DIAGRAM	DR	09/07/2018	QA

AGENCY ONLINE DOCUMENTS	<a href="http://en.globtek.com/cordsets/">http://en.globtek.com/cordsets/</a>
RoHS/RoHS3 Declaration	<a href="https://www.globtek.com/pdf/rohs_cert/01t0c000008pV/kRAAU">https://www.globtek.com/pdf/rohs_cert/01t0c000008pV/kRAAU</a>
REACH Declaration	<a href="https://www.globtek.com/pdf/iso_certificates/REACH.pdf">https://www.globtek.com/pdf/iso_certificates/REACH.pdf</a>
Conflict Minerals Declaration	<a href="https://www.globtek.com/pdf/conflict-minerals.pdf">https://www.globtek.com/pdf/conflict-minerals.pdf</a>
Prop 65 Statement	<a href="https://en.globtek.com/prop-65-statement.pdf">https://en.globtek.com/prop-65-statement.pdf</a>

IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering. Designed for board to display interconnections, FDC-Flat Display Connections consist of standard FFC-Flat Flexible Cables and connectors such as DF-19 at one or both ends. FDC-flat cable assemblies are ready-to-plug flexible connections. They have specially been designed for small displays.

### BILL OF MATERIALS:

ITEM NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	QTY
1	H3102-ND	CONN SOCKET CRIMP 14POS 1MM SNGL	HIROSE ELECTRIC CO LTD	2 EA
2	DF19A-2830SCFA	CONN SOCKET 28-30AWG CRIMP GOLD	HIROSE ELECTRIC CO LTD	28 EA
3	N/A	UL1571, #28, Black	N/A	3.25 INCH

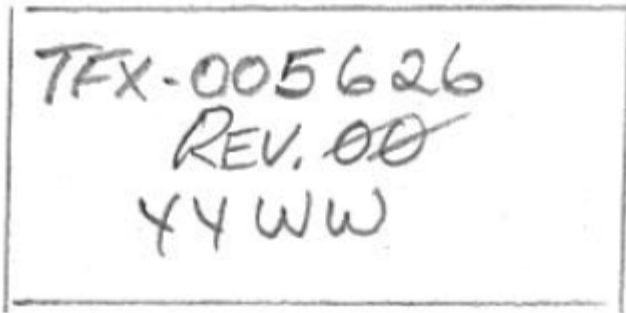


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CONNECTOR PIN OUT TABLE

FROM MIB SIDE	PIN	TO DP SIDE	PIN	SYMBOL	SIGNAL
CN2-1	1	CN2-2	1	VDD	POWER SUPPLY
CN2-1	2	CN2-2	2	VDD	
CN2-1	3	CN2-2	3	VDD	
CN2-1	4	CN2-2	4	VDD	
CN2-1	5	CN2-2	5	VDD	
CN2-1	6	CN2-2	6	GND	GROUND
CN2-1	7	CN2-2	7	GND	
CN2-1	8	CN2-2	8	GND	
CN2-1	9	CN2-2	9	GND	
CN2-1	10	CN2-2	10	GND	
CN2-1	11	CN2-2	11	RSVD	KEEP PIN OPEN
CN2-1	12	CN2-2	12	BRTC	BACK LIGHT ON/OFF CONTROL
CN2-1	13	CN2-2	13	PWM	LUMINANCE CONTROL
CN2-1	14	CN2-2	14	GND	LED DRIVER GROUND

BULK BAG LABEL



NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1 CABLE DIFFERENTIAL IMPEDANCE 100 OHMS, PROVIDING 20 dB AVERAGE SHIELDING BUILT TO LATEST VER IPC-A-620.
3. TEST CABLE FOR CONTINUITY PER PINOUT TABLE. TEST FOR SHORTS FROM EACH PIN TO EVERY OTHER PIN AND VERIFY NONE EXISTS.
4. PACKAGE TO PREVENT DAMAGE IN SHIPPING AND HANDLING AND LABEL PACKAGE WITH PART NO., REVISION, AND MANUFACTURING DATE CODE (YRWK).
5. CABLE ASSY SHALL BE PROVIDED WITH CERTIFICATION AS ROHS COMPLIANT
6. CABLE UL1571, #28, BLACK
7. TEMPERATURE RATING: USA:CL2: 75 C MAX, FLAMMABILITY RATING: USA :NEC.725, CL2
8. Mating Connector is DF19-14P-1V (56)

PROPRIETARY INFORMATION

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## PACKAGING

Packing Spec P/N:

Box Qty: 1

Gift Box Size (mm):

Gift Box Color: White

Master Carton Size (mm): TBD

Master Carton Cubic

Volume (m<sup>3</sup>): 0.00

Master GW (Kg): kg

wt Ea. (Kg): kg

wt Ea. (Kg): kg

LABEL SPECS: Standard GT  
,L-1186

PACK SPEC: