



ISO 9001:2008
REGISTERED

GTD21088L-1505-T2



**15 Watts, DC/DC Desktop Switching Power Supply, 5V@2.5A,
Single Output Family, 10-32 VDC, ITE, Class II**



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:

10-32 VDC

INPUT CURRENT:

< 2.7A (R.M.S.)

OUTPUT VOLTAGE / CURRENT:

+ 5 V DC @ 0 - 2.5 A

OUTPUT CURRENT:

NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED

OUTPUT POWER (RATED):

15 WATTS MAX

SWITCHING FREQUENCY

HIGH FREQUENCY OUTPUT RIPPLE

(PEAK TO PEAK):

1% TYPICAL

OUTPUT REGULATION (LINE/LOAD):

± 5% FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR

LINE REGULATION:

± 0.5% MAX AT FULL LOAD

TURN ON/ TURN OFF OVERSHOOT:

4% MAX 500µS MAX RECOVERY TIME FOR 25% STEP LOAD

INRUSH CURRENT:

20 A MAX AT COLD START FOR N.A. (40A FOR EURO)

EFFICIENCY:

75% TYPICAL

SWITCHING FREQUENCY:

100 KHZ TYPICAL

OVER-VOLTAGE PROTECTION:

VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE

OVER-CURRENT / SHORT CIRCUIT:

HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 I_o

OTHER PROTECTION:

INPUT FUSING

MTBF:

200,000 HOURS AT 25°C AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0° TO 40° C

TEMPERATURE RISE:

≤ 70° C FOR RATED LOAD.

STORAGE TEMPERATURE:

-20° TO 80° C

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

ROHS 2:

COMPLIES WITH EU 2011/65/EU AND CHINA SJ/T 11363-2006

WEIGHT:

165 g

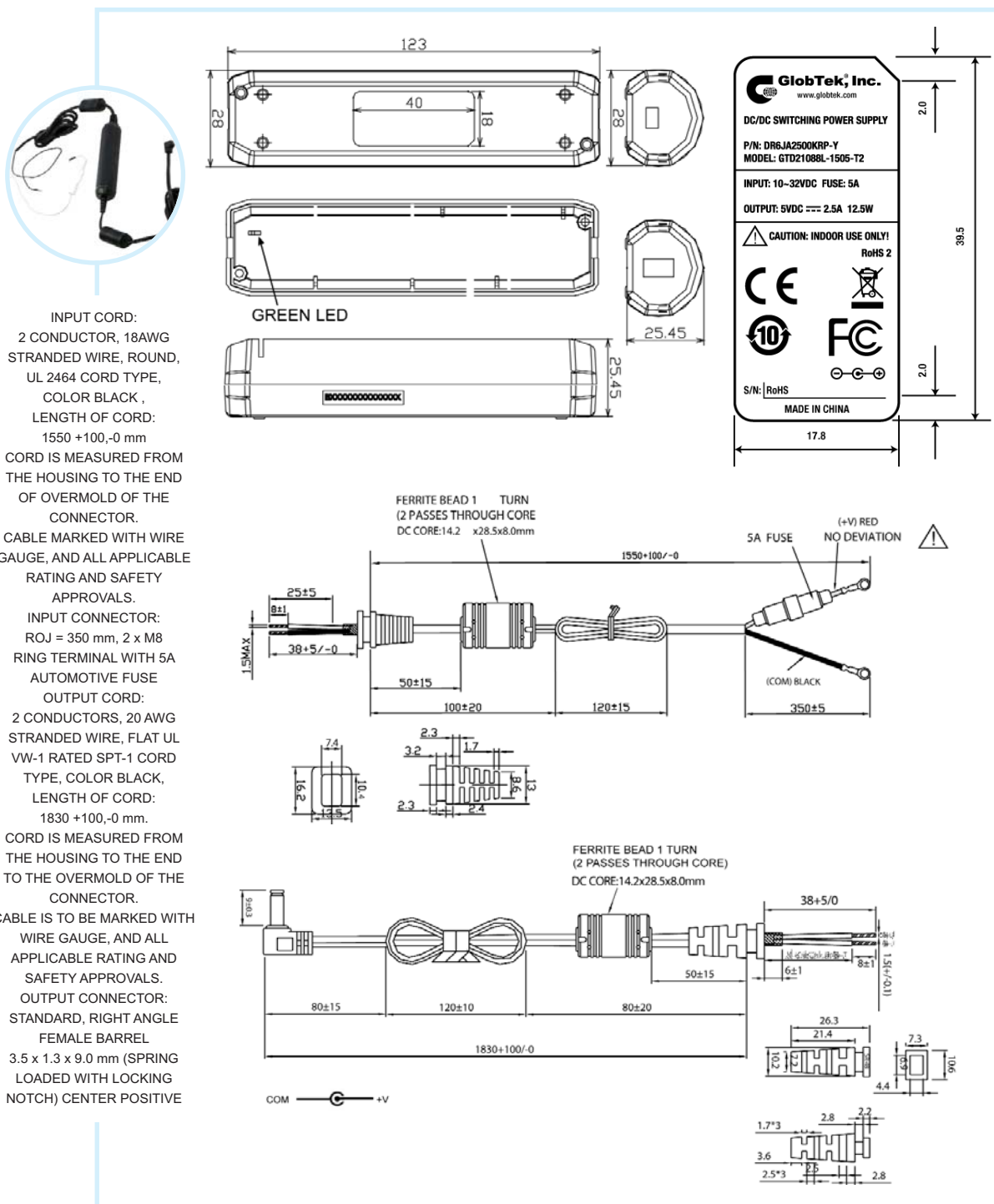
OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GTD21088L-1505-T2	+5.0	0 - 2.5	0 - 15

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.

**15 Watts, DC/DC Desktop Switching Power Supply, 5V@2.5A,
Single Output Family, 10-32 VDC, ITE, Class II****ENCLOSURE****DESKTOP, DUAL CORD**

UPPER AND LOWER HOUSING: HIGH IMPACT PLASTIC, 94VO POLYCARBONATE, NON-VENTED, COLOR BLACK
 SIZE: 123(L)x28(W)x25.45mm(H) (LED:Green).



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