PROPRIETARY INFORMATION:		REVISION		
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	A	INITIAL RELEASE, RFS.5275, 5292 DMR	12/28/04	DMR

1. NOTES:

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

2. ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE: $5 \text{ VDC} \pm 10\%$

INPUT CURRENT: < 0.35A

OUTPUT VOLTAGE / CURRENT: ± 12.0 VDC @ ± 42 mA

OUTPUT CURRENT: NO LOAD TO FULL LOAD, 10% MINIMUM LOAD REQUIRED TO

MAINTAIN SPECIFIED REGULATION

OUTPUT POWER (RATED): 1 WATTS MAX SWITCHING FREQUENCY: 100 MHz TYP.

OUTPUT RIPPLE (PEAK TO PEAK): 20 MHz BAND LIMITED

≤ 150mV @ Iv = 3.3 VDC AND 48.0VDC ≤ 100mV @ Iv = 5.0 VDC AND 24.0VDC

OUTPUT VOLTAGE ACCURACY: $\leq \pm 5\%$

OUTPUT REGULATION (LINE/LOAD): $\pm 5 \%$ MEASURED AT O/P PINS

LINE REGULATION: $\pm 1.2\% / 1\%$ OF Vin MAX AT FULL LOAD

LOAD REGULATION: 15% MAX AT FULL LOAD

TURN ON/ TURN OFF OVERSHOOT: 4% MAX 500uS MAX RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY: 1 SEC MAX

EFFICIENCY: 70 %

ISOLATION RESISTANCE: 100 Mohm MIN @ 500 VDC

DIELECTRIC WITHSTAND VOLTAGE: 1000 VDC MIN. PRIMARY TO SECONDARY

OPERATING TEMPERATURE: 0°C TO 70° C STORAGE TEMPERATURE: -20°C TO 80° C

HUMIDITY: 0 TO 95% RELATIVE HUMIDITY

Foot Note: Globtek Inc. will not be liable for the	DASH NO.	PART NO	REV.			DESCRIPTION		NOTES	
safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult for the proper installation	TABULATION BLOCK								
instruction the applicable UL,CSA and EN standards.			TOLE DECIMA .xx +/- 0		G Glo	bTek [°] , Inc.	186 Veterans Dr. North Tel. 201-784-1000 Fa		
Limitation of Use: Globtek product are not authorized for use as			.xxx +/0	005	www.globtek.com		X 201./04.0111		
mission critical components in life support, hazardous environment, nuclear or aircraft applications without prior written	INIT.BY: DMR	DATE: 12/28/04	MILLIMETERS .xx +/- 0.3 .xxx +/013	3 +/- 1*	DWG TITLE:	DC / DC CONVERT 1W, I/P: 5 VDC; O/F	ER, DUAL P: ± 12 VDC		
approval from the CEO of Globtek Inc.	DRAWN: NF	DATE: 12/28/04	FSCN N G, Y	lo.: SIZE A	MODEL NO:	DB10M1BH1		REV. A	
Contents of this document are subject to change without prior notice	Contents of this document are subject to change without prior notice APRVD: DMR DATE: 12/28/04		SCALE	E: NONE	PART NO:	DB10M1BH1		SHEET 1 OF 2	

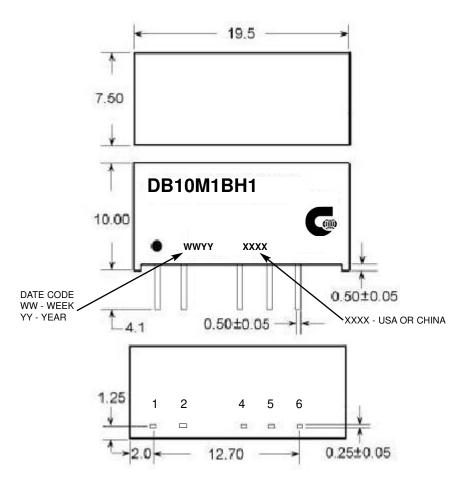
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3. MECHANICAL DIMENSIONS: MM

HOUSING: 7 PIN SIP PACKAGE, 94V- 0 PLASTIC MATERIAL WITH 94V-0 POTTING MATERIAL, BLACK

4. MARKING: PERMANENT PAD PRINTING, WHITE:



PIN CONNECTION

PIN	OUTPUT
1	+INPUT
2	- INPUT
4	- OUTPUT
5	COMMON
6	+ OUTPUT

