



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

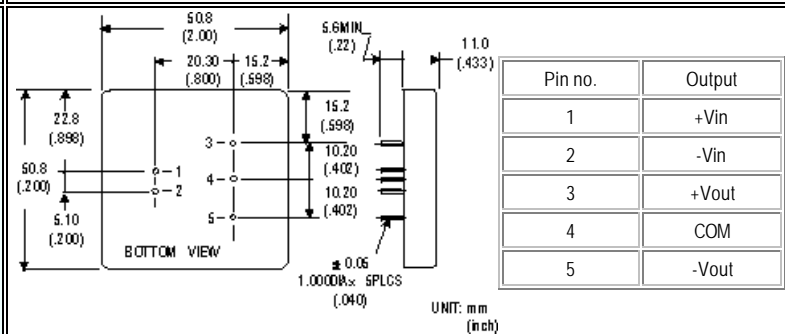
DKE15A SERIES

- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVAILABLE
- .REGULATED DC OUTPUT
- .1K VDC I/P ISOLATION
- .1K-3KVDC ISOLATION (OPTIONAL)
- .EPOXY ENCAPSULATED
- .HIGH PERFORMANCE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



ORDER NO.	DKE15A-05	DKE15A-12	DKE15A-15	DKE15A-24
SPECIFICATION				
DC OUTPUT VOLTAGE	±5V	±12V	±15V	±24V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	±1500mA	±625mA	±500mA	±313mA
OUTPUT CURRENT RANGE	150-±1500mA	62.5-±625mA	50-±500mA	31.3-±313mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	±0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
DC OUTPUT POWER	15W	15W	15W	15W
EFFICIENCY	81%	82%	82%	82%
SWITCHING FREQUENCY	150KHz (TYPICAL)			
INPUT VOLTAGE RANGE	9-18VDC			
INPUT CURRENT	1.7A/12VDC; 40mA @ NO LOAD (TYPICAL)			
SHORT CIRCUIT PROTECTION	CONTINUOUS			
OVER CURRENT PROTECTION	160-250% AUTO RECOVERY			
TEMP. COEFFICIENT	±0.03% / °C (0-50°C)			
ISOLATION VOLTAGE	I/P-O/P:1K VDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @500VDC			
TRANSIENT RESPONSE	250u sec FOR 25% LOAD STEP CHANGE			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%-90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%-95% RH			
DIMENSION	2"×2"×0.43"			
WEIGHT	65g			
CASE MATERIAL	SIX-SIDE SHIELD OF METAL CASE			

MECHANISM AND PIN CONFIGURATION



NOTE: 1. ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
 2. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
 3. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
 4. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.



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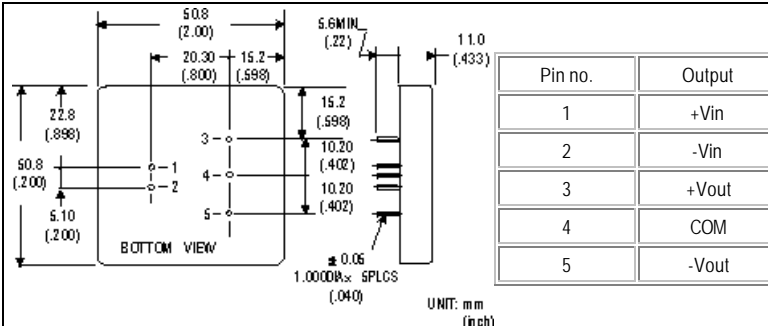
DKE15B SERIES

- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVAILABLE
- .REGULATED DC OUTPUT
- .1K VDC I/P ISOLATION
- .1K-3KVDC ISOLATION (OPTIONAL)
- .EPOXY ENCAPSULATED
- .HIGH PERFORMANCE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



ORDER NO.	DKE15B-05	DKE15B-12	DKE15B-15	DKE15B-24
SPECIFICATION				
DC OUTPUT VOLTAGE	±5V	±12V	±15V	±24V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	±1500mA	±625mA	±500mA	±313mA
OUTPUT CURRENT RANGE	150-±1500mA	62.5-±625mA	50-±500mA	31.3-±313mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	±0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
DC OUTPUT POWER	15W	15W	15W	15W
EFFICIENCY	83%	83%	83%	84%
SWITCHING FREQUENCY	150KHz (TYPICAL)			
INPUT VOLTAGE RANGE	18-36VDC			
INPUT CURRENT	0.8A/24VDC; 20mA @ NO LOAD (TYPICAL)			
SHORT CIRCUIT PROTECTION	CONTINUOUS			
OVER CURRENT PROTECTION	160-250% AUTO RECOVERY			
TEMP. COEFFICIENT	±0.03% / °C (0-50°C)			
ISOLATION VOLTAGE	I/P-O/P:1K VDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @500VDC			
TRANSIENT RESPONSE	250u sec FOR 25% LOAD STEP CHANGE			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%-90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%-95% RH			
DIMENSION	2"×2"×0.43"			
WEIGHT	65g			
CASE MATERIAL	SIX-SIDE SHIELD OF METAL CASE			

MECHANISM AND PIN CONFIGURATION



- NOTE:
- ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
 - RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
 - LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
 - LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.



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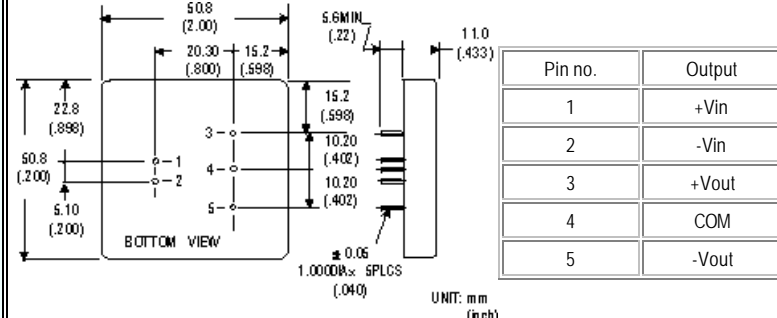
DKE15C SERIES

- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVAILABLE
- .REGULATED DC OUTPUT
- .1K VDC I/P ISOLATION
- .1K-3KVDC ISOLATION (OPTIONAL)
- .EPOXY ENCAPSULATED
- .HIGH PERFORMANCE / LOW COST
- .SHORT CIRCUIT PROTECTION
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- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



ORDER NO.	DKE15C-05	DKE15C-12	DKE15C-15	DKE15C-24
SPECIFICATION				
DC OUTPUT VOLTAGE	±5V	±12V	±15V	±24V
OUTPUT VOLTAGE ACCURACY	±2%			
OUTPUT RATED CURRENT	±1500mA	±625mA	±500mA	±313mA
OUTPUT CURRENT RANGE	150-±1500mA	62.5-±625mA	50-±500mA	31.3-±313mA
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p
LINE REGULATION	±0.3%	±0.3%	±0.3%	±0.3%
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%
DC OUTPUT POWER	15W	15W	15W	15W
EFFICIENCY	79%	82%	82%	85%
SWITCHING FREQUENCY	150KHz (TYPICAL)			
INPUT VOLTAGE RANGE	36-72VDC			
INPUT CURRENT	0.4A/48VDC; 10mA @ NO LOAD (TYPICAL)			
SHORT CIRCUIT PROTECTION	CONTINUOUS			
OVER CURRENT PROTECTION	160-250% AUTO RECOVERY			
TEMP. COEFFICIENT	±0.03% / °C (0-50°C)			
ISOLATION VOLTAGE	I/P-O/P:1K VDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @500VDC			
TRANSIENT RESPONSE	250u sec FOR 25% LOAD STEP CHANGE			
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%-90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%-95% RH			
DIMENSION	2"*2"*0.43"			
WEIGHT	65g			
CASE MATERIAL	SIX-SIDE SHIELD OF METAL CASE			

MECHANISM AND PIN CONFIGURATION



NOTE: 1.ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
 2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
 3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
 4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.