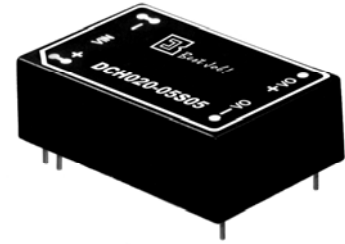


DCH SERIES 2W TO 3W REGULATED

FEATURES

- DUAL IN LINE PACKAGE
- 2W TO 3W REGULATED OUTPUT POWER
- NO EXTERNAL COMPONENTS REQUIRED
- 100% BURN IN
- LOW NOISE
- UL 94V-0 PACKAGE MATERIAL
- 3000VDC ISOLATION
- CUSTOM SOLUTION BE AVAILABLE
- 3 YEARS WARRANTY



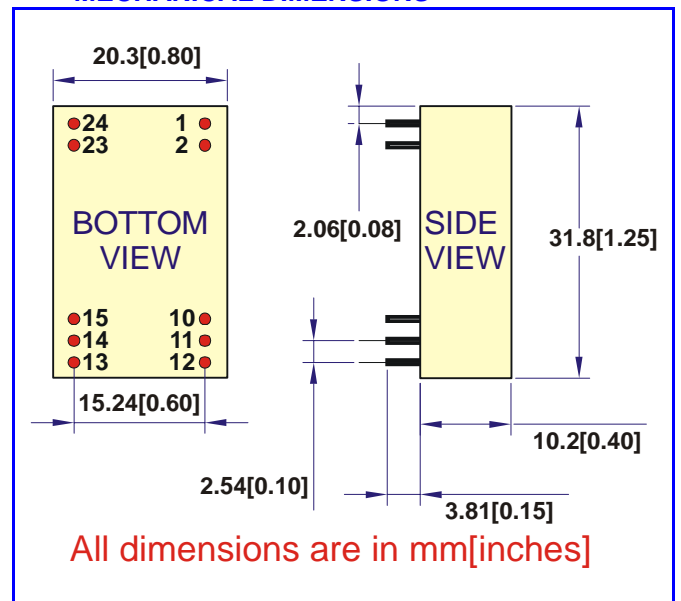
OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-3% max	Input Voltage Range	+/-10% max	Efficiency	61% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Pi Network	Isolation Voltage	3000 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-1% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	80pF max
Load Regulation	+/-1% max	Operating Temperature	-25°C to +71°C	Switching Frequency	50KHz min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +125°C	MTBF	>850,000 Hours
Short Circuit Protection	Current Limit	Cooling	Free-Air Convection	Case Material	Non-Conductive Plastic
Short Circuit Restart	Automatic	Humidity	95% max	Weight	12.0g-14.4g

● 2W-3W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
DCH020-05S05	4.5-5.5	5	400	62	3000
DCH020-05S12	4.5-5.5	12	165	63	3000
DCH020-05S15	4.5-5.5	15	133	63	3000
DCH020-05D12	4.5-5.5	+/-12	+/-83	63	3000
DCH030-05D15	4.5-5.5	+/-15	+/-66	61	3000
DCH020-12S05	10.8-13.2	5	400	63	3000
DCH020-12S12	10.8-13.2	12	165	65	3000
DCH030-12S15	10.8-13.2	15	200	66	3000
DCH020-12D12	10.8-13.2	+/-12	+/-83	65	3000
DCH030-12D15	10.8-13.2	+/-15	+/-100	66	3000
DCH020-24S05	21.6-26.4	5	400	63	3000
DCH020-24S12	21.6-26.4	12	165	65	3000
DCH020-24S15	21.6-26.4	15	200	65	3000
DCH020-24D12	21.6-26.4	+/-12	+/-83	65	3000
DCH030-24D15	21.6-26.4	+/-15	+/-100	65	3000
DCH020-48S05	43.2-52.8	5	400	63	3000
DCH020-48S12	43.2-52.8	12	165	64	3000
DCH030-48S15	43.2-52.8	15	200	64	3000

DCH020-48D12	43.2-52.8	+/-12	+/-83	64	3000
DCH030-48D15	43.2-52.8	+/-15	+/-100	64	3000

● MECHANICAL DIMENSIONS



PIN	1 & 2	10 & 11	12	13	14	15	23 & 24
SINGLE	+Vin	NP	-Vout	+Vout	NP	NP	-Vin
DUAL	+Vin	Com.	NP	-Vout	NP	+Vout	-Vin