

VS020 SERIES 2W UNREGULATED



FEATURES

- SINGLE IN LINE PACKAGE
- 100% BURN IN
- 3 YEARS WARRANTY
- UL 94V-0 PACKAGE MATERIAL



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	+/-10% max	Efficiency	74% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Capacitor Type	Isolation	
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Voltage	1500-3000 VDC min
Line Regulation	+/-1.2% max	ENVIRONMENTAL SPECIFICATIONS			
Load Regulation	+/-8% max	Operating Temperature	-40°C to +71°C	Resistance	10 ⁹ ohms min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +125°C	Capacitance	80pF max
Short Circuit Protection	Momentary	Humidity	95% max	Switching Frequency	100KHz min
				MTBF	>1,800,000 Hours

● 1500VDC ISOLATION

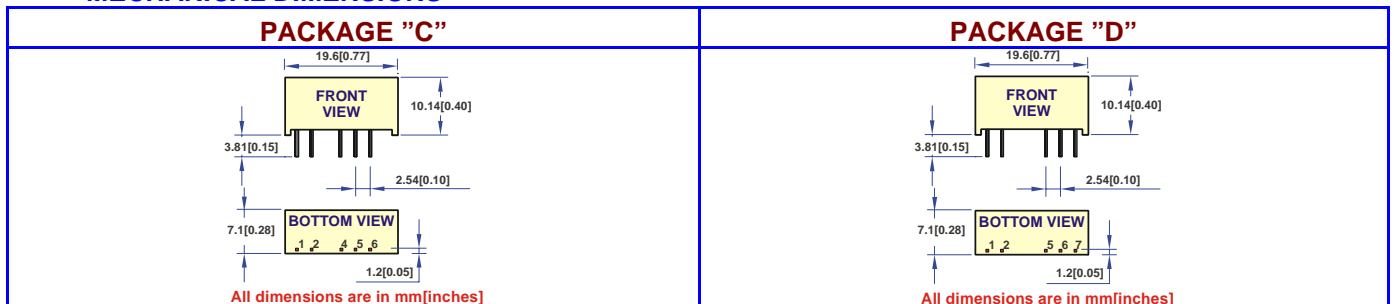
MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	PACKAGE
		VOLTAGE (VDC)	CURRENT (mA)		
VS020-0505S	5	5	400	77	C
VS020-0509S	5	9	222	79	C
VS020-0512S	5	12	167	80	C
VS020-0515S	5	15	133	82	C
VS020-0505D	5	+/-5	+/-200	82	C
VS020-0512D	5	+/-12	+/-84	80	C
VS020-0515D	5	+/-15	+/-67	82	C
VS020-0524D	5	+/-24	+/-42	79	C
VS020-1205S	12	5	400	78	C
VS020-1212S	12	12	167	83	C
VS020-1215S	12	15	133	85	C
VS020-1205D	12	+/-5	+/-200	78	C
VS020-1212D	12	+/-12	+/-84	83	C
VS020-1215D	12	+/-15	+/-67	85	C
VS016-2403.3S	24	3.3	500	74	C
VS020-2405S	24	5	400	78	C
VS020-2409S	24	9	222	78	C
VS020-2412S	24	12	167	80	C
VS020-2415S	24	15	133	83	C
VS020-2405D	24	+/-5	+/-200	78	C

VS020-2412D	24	+/-12	+/-84	81	C
VS020-2415D	24	+/-15	+/-67	81	C

● 3000VDC ISOLATION

VS020-0505S-3K	5	5	400	77	D
VS020-0509S-3K	5	9	222	78	D
VS020-0512S-3K	5	12	167	80	D
VS020-0515S-3K	5	15	133	81	D
VS020-0505D-3K	5	+/-5	+/-200	77	D
VS020-0512D-3K	5	+/-12	+/-84	80	D
VS020-0515D-3K	5	+/-15	+/-67	82	D
VS020-1205S-3K	12	5	400	79	D
VS020-1212S-3K	12	12	167	81	D
VS020-1215S-3K	12	15	133	83	D
VS020-1205D-3K	12	+/-5	+/-200	78	D
VS020-1212D-3K	12	+/-12	+/-84	82	D
VS020-1215D-3K	12	+/-15	+/-67	83	D
VS016-2403.3S-3K	24	3.3	500	74	D
VS020-2405S-3K	24	5	400	77	D
VS020-2412S-3K	24	12	167	80	D
VS020-2415S-3K	24	15	133	82	D
VS020-2405D-3K	24	+/-5	+/-200	78	D
VS020-2412D-3K	24	+/-12	+/-84	81	D
VS020-2415D-3K	24	+/-15	+/-67	82	D

● MECHANICAL DIMENSIONS



	PIN	1	2	4	5	6		PIN	1	2	5	6	7
SINGLE		+Vin	-Vin	-Vout	NP	+Vout		SINGLE	+Vin	-Vin	-Vout	NP	+Vout
DUAL		+Vin	-Vin	-Vout	Com.	+Vout		DUAL	+Vin	-Vin	-Vout	Com.	+Vout