



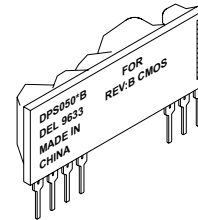
# ETHERNET DC/DC CONVERTER IN 5VDC OUT 9VDC

## Networking Components

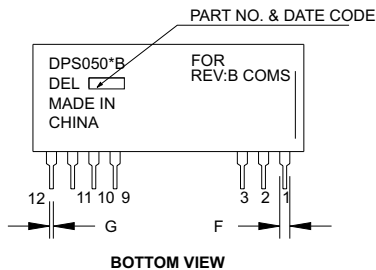
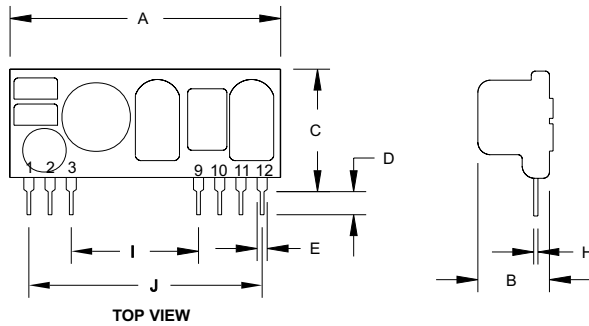
### ELECTRICAL CHARACTERISTICS @25°C

Model	Input Voltage Nominal / Range (VDC)		Output Voltage (VDC)	Output Current (mA)	Regulated Output	Enable Function	Efficiency (%) TYPE	Isolation
DPS0501B	5	4.75-5.25	9	120	N	N	70	500VDC
DPS0502B	5	4.75-5.25	9	200	N	N	70	500VDC
DPS05U09D	5	4.75-5.25	9	200	N	N	75	500VAC
DCS05U09MD	5	4.75-5.25	9	200	N	N	75	500VAC

### MECHANICAL CONSTRUCTION



DPS0501B, DPS0502B



PIN	SINGLE OUTPUT
1	+Vin
2	NC
3	NC
9	NC
10	-Vout
11	+Vout
12	-Vin

UNIT : mm / inch

A = 31.50 ± 0.254 / 1.240 ± 0.010

B = 8.85 / 0.384 MAX

C = 15.20 ± 0.254 / 0.598 ± 0.010

D = 3.20 ± 0.30 / 0.126 ± 0.012

E = 2.54 / 0.100 TYP

F = 1.20 ± 0.127 / 0.047 ± 0.005

G = 0.51 ± 0.127 / 0.020 ± 0.005

H = 0.254 ± 0.127 / 0.010 ± 0.005

I = 15.24 / 0.600 (TYP)

J = 27.94 / 1.100 (TYP)

DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) 31-1, SHIEN PAN ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.

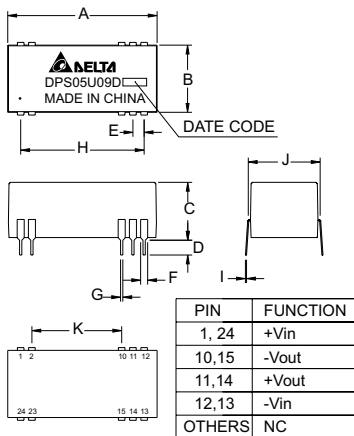
TEL: 886-3-3626301; FAX: 886-3-3618901

www.deltaww.com/products/networking/

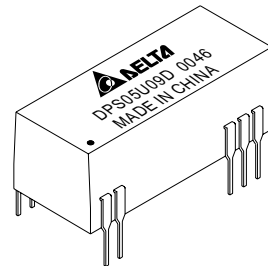
# Networking Components

## M ECHANICAL CONSTRUCTION

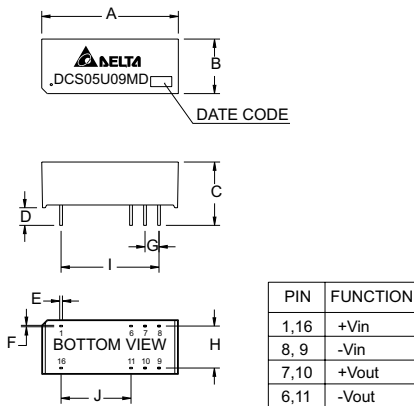
### DPS05U09D



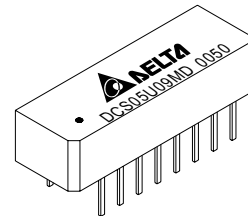
UNIT: mm / inch  
 A = 33.60±0.254 / 1.323±0.010  
 B = 15.20±0.254 / 0.598±0.010  
 C = 12.30±0.254 / 0.484±0.010  
 D = 3.20±0.30 / 0.126±0.012  
 E = 2.54 / 0.100 (TYP)  
 F = 1.60±0.127 / 0.063±0.005  
 G = 0.51±0.127 / 0.020±0.005  
 H = 27.94 / 1.100 (TYP)  
 I = 0.25±0.127 / 0.010±0.005  
 J = 16.00±0.254 / 0.630±0.010  
 K = 20.32 / 0.800 (TYP)



### DCS05U09MD



UNIT: mm / inch  
 A = 24.80±0.50 / 0.976±0.020  
 B = 9.90±0.50 / 0.390±0.020  
 C = 11.50±0.50 / 0.450±0.020  
 D = 3.20±0.30 / 0.126±0.012  
 E = 0.50 / 0.020 (TYP)  
 F = 0.254 / 0.010 (TYP)  
 G = 2.54 / 0.010 (TYP)  
 H = 7.62 / 0.300 (TYP)  
 I = 17.78 / 0.700 (TYP)  
 J = 12.70 / 0.500 (TYP)



## S CHEMATICS

### DPS0501B, DPS0502B, DPS05U09D, DPS05V09MD

