

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

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### SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE REEN MET:

UL RECOGNIZED: UL 1283 CSA CERTIFIED: CSA C22.2 No. 8 VDE APPROVED: EN 60939-2

#### OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE:

20 AMP/40°C 120/250 VAC, 50-60Hz

20 AMP/40°C, 250 VAC, 50-60Hz 20 AMP/40°C, 250 VDC

MAXIMUM LEAKAGE CURRENT. EACH LINE TO GROUND:

0.75mA @ 120V 60Hz @ 250V 50Hz 1.25mA

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, In. IN AN AMBIENT,  $I_0$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_0$ , IS AS FOLLOWS:  $I_1 = I_1 - 1$ ,  $I_2 = I_3 - 1$ 

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THIS INFORMATION IS COMPONITUL AND PROPRIETING TO THOS ELECTRONICS COMPONATION AND HIS WARDONICE SISSIDIARIES AND AFFILIATES. If HAY NOT BE DISCLOSED TO ANYME OTHER THAN THOSE DESIGNATION FRESHOES, WITHOUT MAINTEN JUTTERIZATION FROM THOSE BECENNICS COMPONATION.

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85 - Ta  $I_0 = I_r$ 45

## RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C HUMIDITY: 21 DAYS e 40°C 95% RH. CURRENT OVERLOAD TEST: 6 TIMES I<sub>F</sub> FOR 8 SECONDS

CUSTOMER DRAWING CATALOG # 20VSB1 ECN# APPRVD DATE 10-006843 PJO 07APR10

POWER LINE FILTER

23/01/09

1-1609034-9

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DRAVING NUMBER:

20VSB1

TYCO ELECTRONICS PART NO.

DATE:

DRIG:

DRV. BY:

# TEST SPECIFICATIONS:

INDUCTANCE: 0.9 mH NOMINAL CAPACITANCE: (MEASURED @ IKHz, 0.250VAC MAX., 25°C±1°C)

0.0199 μF±20% 1.005 μF±20% LINE TO GROUND: LINE TO LINE:

DISCHARGE RESISTOR: 330K A

L/G AND L/L I.R. NO DISCHARGE RESISTOR:

6000M₁ (MIN.) @ 100VDC,

20°C AND 50% RH

## RECOMMENDED RECEIVING INSPECTION HIPOT:

1500 VAC FOR 1 MINUTE 1450 VDC FOR 1 MINUTE LINE TO LINE:

#### FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

