



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 BEEN MET:

- UL RECOGNIZED: UL 1283
- UL LISTED: UL 935
- CSA CERTIFIED: CSA C22.2 No. 8
- VDE APPROVED: EN 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 5.0 AMP/50°C, 277 VAC 50-60Hz (UL&CSA)
 5.0 AMP/50°C, 277 VDC (UL&CSA)
 5.0 AMP/50°C, 250 VAC 50-60Hz (VDE)
 5.0 AMP/50°C, 250 VDC (VDE)

MAXIMUM LEAKAGE CURRENT,
 EACH LINE TO GROUND: 0.28 mA @ 277V 60Hz
 0.21 mA @ 250V 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +50°C @ RATED CURRENT, I_r.

IN AN AMBIENT, T_a, HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{35}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH.
 CURRENT OVERLOAD TEST: 6 TIMES I_r FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 0.42 mH NOMINAL (WHITE)
 0.44 mH NOMINAL (BLACK)
 CAPACITANCE: (MEASURED @ 1 KHz, 0.250VAC MAX., 25°C±1°C)
 LINE TO GROUND: 0.0044µF ± 20 %
 LINE TO LINE: 0.33µF ± 20 %
 DISCHARGE RESISTOR: 1 MEGOHM
 L/G AND L/L I.R.
 NO DISCHARGE RESISTOR: 6000MEGOHM (MIN.) 100VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 2300 VDC FOR 1 MINUTE
 LINE TO LINE: 1853 VDC FOR 1 MINUTE

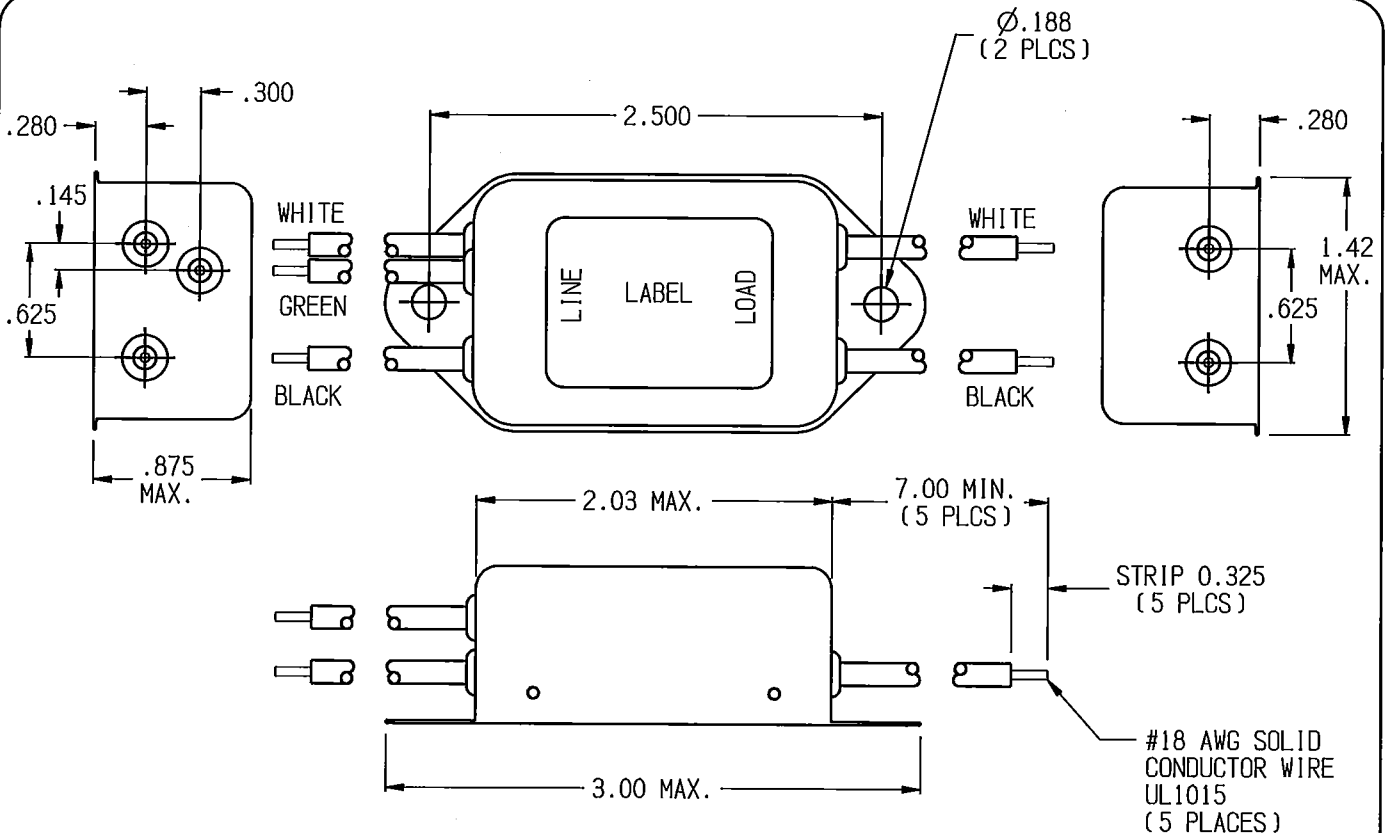
FILTER APPROVAL:

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

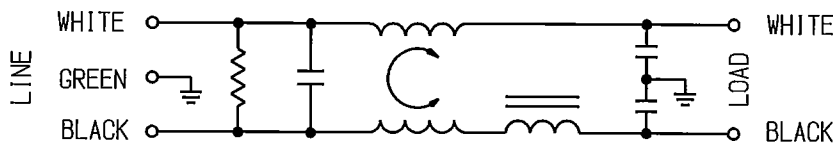
CUSTOMER DRAWING

CATALOG # 5FB3

ECN#	APPRVD	DATE
/	PJO	28FEB12



ELECTRICAL SCHEMATIC



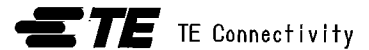
50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.03	.05	.1	.15	.5	1.0	2.0	5.0	10	20	30	/
COMMON dB	0	2	5	9	21	26	34	41	40	44	48	/
DIFF. dB	6	10	16	20	31	40	47	51	47	44	41	/

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 138-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED
 TOLERANCE TO BE ±0.025
 MATERIAL & FINISH: AS SUPPLIED

NOTES:



RFI FILTER

TYCO ELECTRONICS PART NO. 9-1609095-1			
SCALE: 1:1	DATE: 24MAY11	DRAWING NUMBER: 5FB3	REV. 3
DRW. BY: LJD	DRG: PJO		

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