



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  
CSA CERTIFIED: CSA 22.2, # 8  
VDE APPROVED: EN 60939-2

## OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP/40°, 120/250VAC

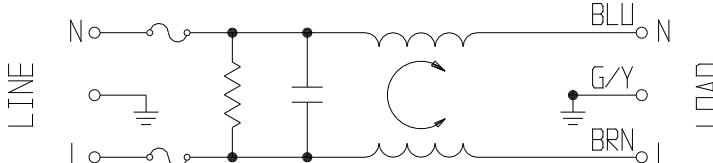
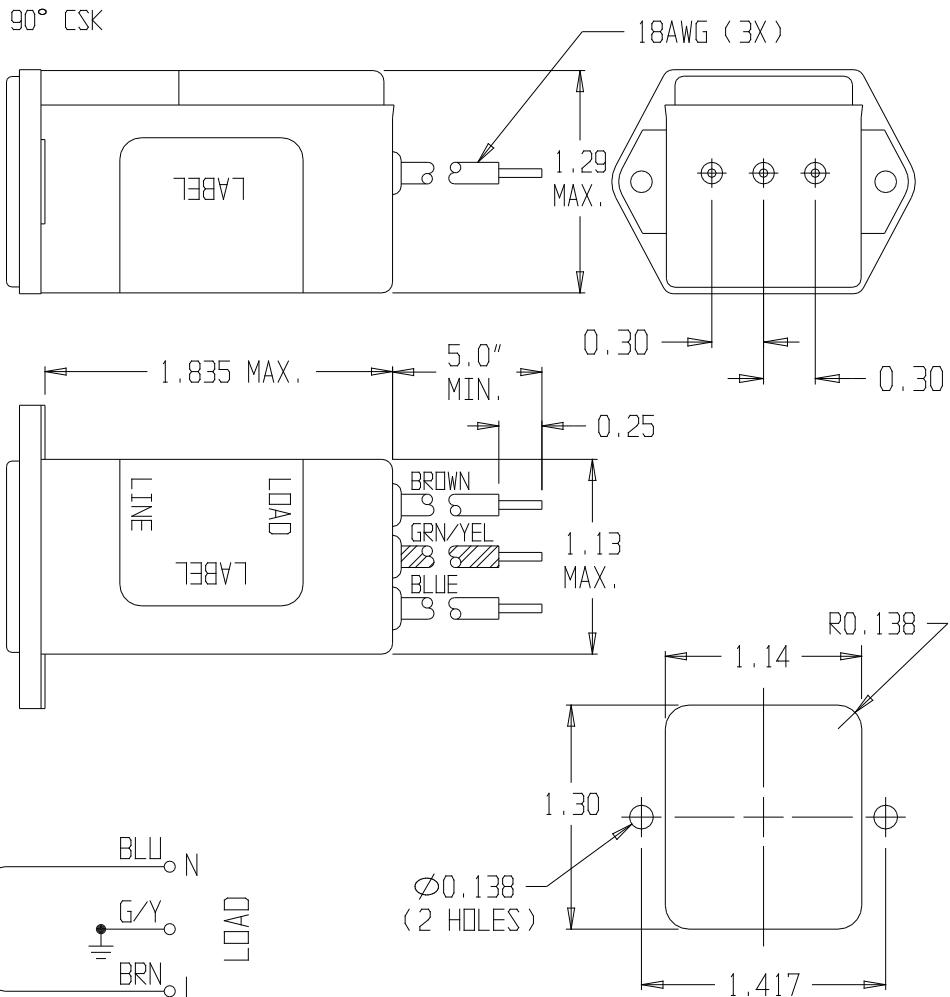
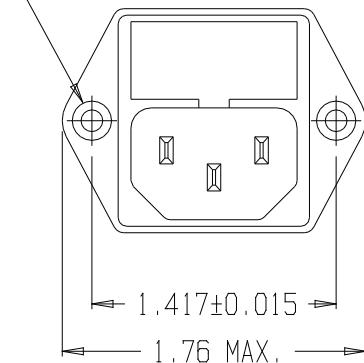
LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,  
EACH LINE TO GROUND:  
2.0 $\mu$ A @ 120V, 60Hz  
5.0 $\mu$ A @ 250V, 50Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT,  $I_r$ .

IN AN AMBIENT,  $T_a$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_o$ , IS AS FOLLOWS:  
 $I_o = I_r \sqrt{\frac{100 - T_a}{60}}$

$\phi 0.126 \pm 0.01$  WITH  $\phi 0.228$  REF X 90° CSK  
HOLE FOR #4 FH SCREW



FUSE: 5mm X 20mm (2X)

50  $\Omega$  - 50  $\Omega$  (MINIMUM) INSERTION LOSS

FREQUENCY MHz	/	0.10	0.15	0.5	1.0	5.0	10	20	30	/	/	/
COMMON dB	/	1	3	5	6	8	9	9	10	/	/	/
DIFF. dB	/	3	8	16	22	37	43	33	28	/	/	/

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HARRISBURG, PENNSYLVANIA USA.

## CUSTOMER DRAWING

CATALOG # 10EHG8-2

ECN #	APPRVD.	DATE
	TAM	24APR08

## 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: .27mH NOMINAL  
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)  
LINE TO GROUND: N/A  
LINE TO LINE: 0.10 $\mu$ F ±20%  
DISCHARGE RESISTOR: 1.5M  $\Omega$   
L/G AND L/L I.R.  
NO DISCHARGE RESISTOR: 6000M  $\Omega$  (MIN.) @ 100VDC,  
20°C AND 50% RH

## RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE  
LINE TO LINE: 1450VDC 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.

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 230-702 SPECIFICATION FOR HAZARDOUS SUBSTANCES

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

NOTES:

**Tyco Electronics**  
CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

CUSTOMER DRAWING 10EHG8-2

TYCO ELECTRONICS PART NO. 6609116-5

CVM  
AVAILABLE YES NO  
G:\KeyCreator Directories\CD 10EHG8-200.ckd

SCALE: NTS DATE: 24APR08 DRAWING NUMBER:  
DRW. BY: SD ORIG: TAM REV. 0  
10EHG8-2

