



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 ORGANIZATION(S)

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 1283  
 CSA 22.2 NO. 0, 0.4, 8  
 TUV LICENSED AT 19.5 AMPS  
 VDE 0565-3 (20AYT6C ONLY)

OPERATING SPECIFICATIONS

LINE VOLTAGE/CURRENT: 20 OR 30 AMP., 250VAC PHASE/NEUTRAL-GND  
 20 OR 30 AMP., 440VAC PHASE/PHASE  
 50-60HZ  
 LINE FREQUENCY: 40°C  
 MAX. CASE RISE  $\theta$  RATED CURRENT: 1.4mA @ 120V 60HZ  
 MAX. LEAKAGE CURRENT, EACH: 3.4mA @ 250V 50HZ  
 LINE TO GROUND: -10°C TO +40°C @ RATED CURRENT,  $I_r$   
 OPERATING AMBIENT TEMP. RANGE: IN AN AMBIENT,  $t_a$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_o$ , IS AS FOLLOWS:  
 $I_o = I_r \sqrt{\frac{95-t_a}{45}}$   
 IN AN AMBIENT,  $t_a$ , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,  $I_o$ , IS AS FOLLOWS:  
 $I_o = I_r \sqrt{\frac{95-t_a}{45}}$

RELIABILITY SPECIFICATIONS

STORAGE TEMPERATURE: -25°C TO +85°C  
 HUMIDITY: 21 DAYS @ 40°C 95% RH

TEST SPECIFICATIONS

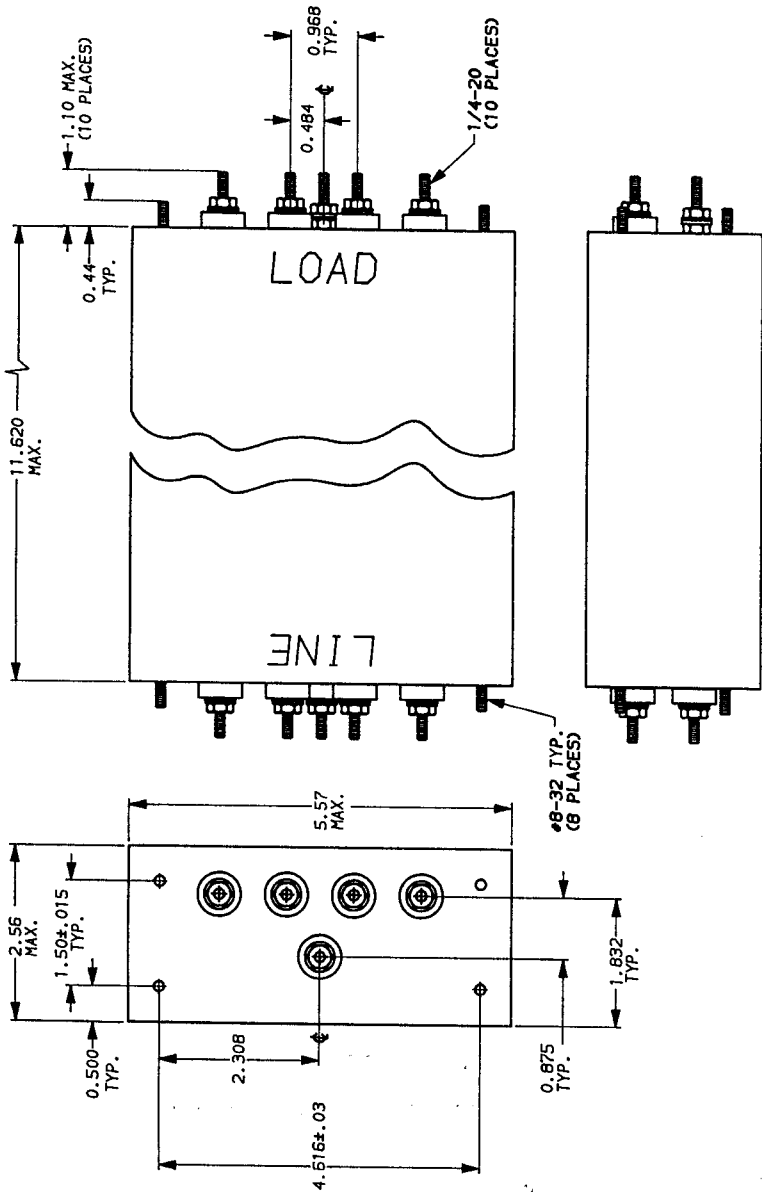
INDUCTANCE: 20A = 7.0mH NOMINAL 30A = 3.32mH NOMINAL  
 GROUND CHOKE: .261mH NOMINAL  
 CAPACITANCE, (MEASURED @ 1 KHZ, 0.25 VAC MAX., 25°C  $\pm$ 1°C)  
 PHASE/NEUTRAL TO GROUND: .026 $\mu$ F  $\pm$ 20%  
 PHASE TO NEUTRAL: 4.47 $\mu$ F  $\pm$ 20%  
 DISCHARGE RESISTOR: 73.3K OHMS  
 LINE/GROUND AND LINE/LINE: 6000 M $\Omega$  (MIN) AT 100 VDC  
 INSULATION RESISTANCE: 20°C AND 50% RH  
 (W/O DISCHARGE RESISTOR)  
 RECOMMENDED RECEIVING INSPECTION HIPOI:  
 PHASE/NEUTRAL TO GROUND: 1500 VAC FOR 1 MINUTE  
 PHASE TO NEUTRAL, 1450 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.



**CORCOM**  
 LIBERTYVILLE, IL 60048  
**POWER LINE FILTER**

SCALE	DATE	DRG. NO.	RE.
NTS	4-25-89	20AYT6C & 30AYT6C	4
DRW. BY	LJD	CFW	



- NOTES:  
 1.) UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE  $\pm$ .030  
 2.) LINE SIDE HAS INSULATED GROUND TERMINAL.

NOTE: COMMON MODE A-B-C & N SHORTED TOGETHER.  
 DIFF. MODE MEASURED N TO A-B-C SHORTED TOGETHER.

50 $\Omega$ - 50 $\Omega$ (MINIMUM) INSERTION LOSS	
FREQUENCY MHZ	COMMON
20A	0.05
30A	.15
50A	.5
70A	1.0
100A	5.0
150A	10.0
200A	30.0
250A	75
300A	75
350A	75
400A	75
450A	75
500A	75
550A	75
600A	75
650A	75
700A	75
750A	75
800A	75
850A	75
900A	75
950A	75
1000A	75

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