

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!



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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: VDE 565-3

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 6 AMP, 120/250 VAC,
6 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.22 mA @ 120V 60Hz
0.38 mA @ 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: $I_o = I_r \sqrt{\frac{100 - T_a}{60}}$

CATALOG # 6EBS1

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: 0.465 mH NOMINAL

CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)

LINE TO GROUND: 0.0058 μ F ±20%

LINE TO LINE: 0.0485 μ F ±20%

DISCHARGE RESISTOR: 1.5M Ω

L/G AND L/L I.R.

NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC,
20°C AND 50% RH

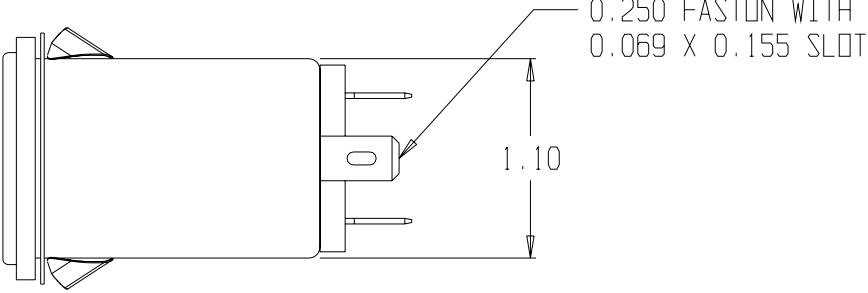
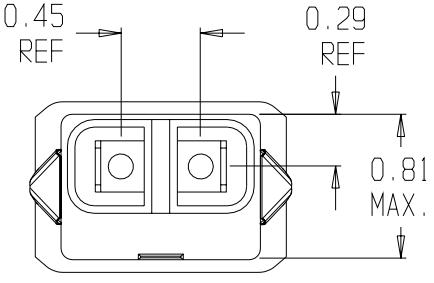
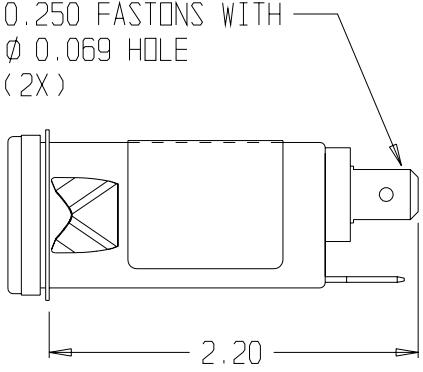
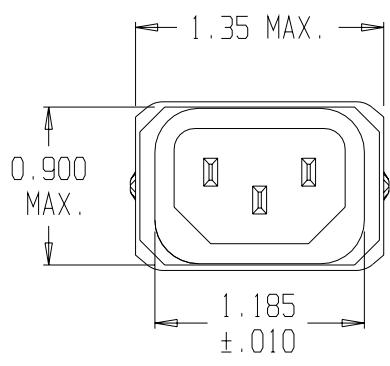
RECOMMENDED RECEIVING INSPECTION HIPOT:

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

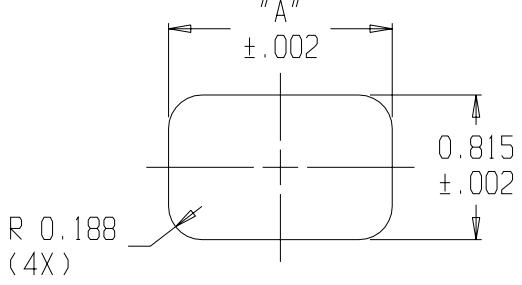
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

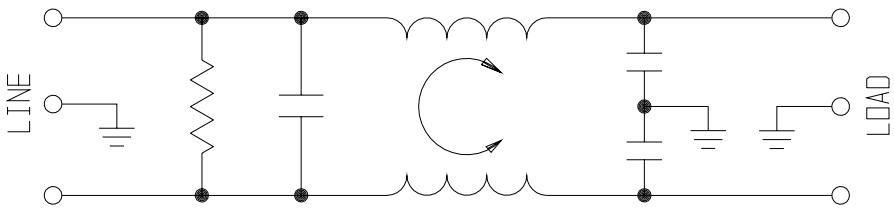


PUNCH PANEL FROM OUTSIDE



PANEL CUTOUT (FRONT MOUNT)

PANEL THICKNESS	PANEL CUTOUT "A"
0.031-0.052	1.260
0.046-0.068	1.350



50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.05	0.1	.15	0.5	1	3	5	10	30
COMMON dB	1	4	10	22	28	-	42	48	47

DIFF. dB		1	2	10	14	20	33	42	40

THIRD ANGLE
PROJECTION



UNLESS OTHERWISE SPECIFIED,
TOLERANCE TO BE ±.025
MATERIAL & FINISH: AS SUPPLIED

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POWER LINE FILTER

CAD FILE: 1G:\CDN6EBS102 TYCO # 1-1609005-3

SCALE: NTS DATE: 8-10-02

DRW. BY: SD ORIG: ELC

CATALOG NO. 6EBS1 REV. 2