

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, # 0.0.4.8
VDE APPROVED: EN 133 200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 15 AMP, 120/250 VAC,
10 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND:
0.04 mA @ 120V 60Hz
0.07 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:

$$I_o = I_r \sqrt{\frac{100 - T_a}{60}}$$

CUSTOMER DRAWING

CATALOG #15SRBS1-W

ECN #	APPRV'D.	DATE
	PJD	02MAY07

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: N/A mH

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

LINE TO GROUND: 470pF ± 20%

LINE TO LINE: N/A

DISCHARGE RESISTOR: N/A

L/G AND L/L I.R.

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

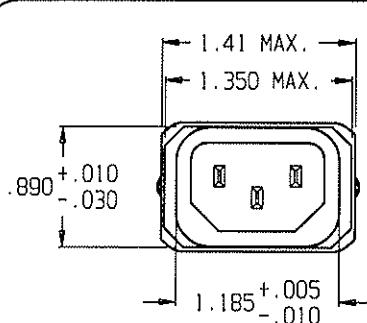
RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500 VAC FOR 1 MINUTE

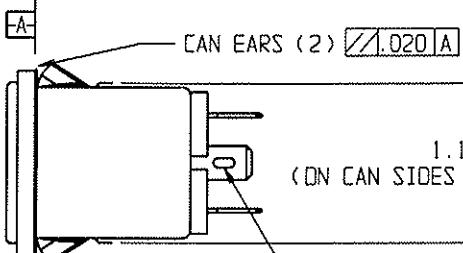
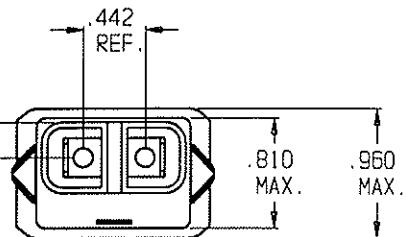
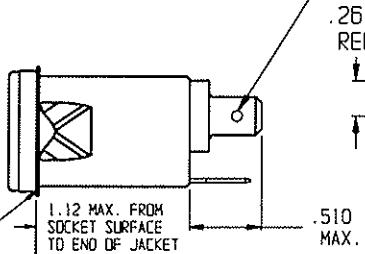
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

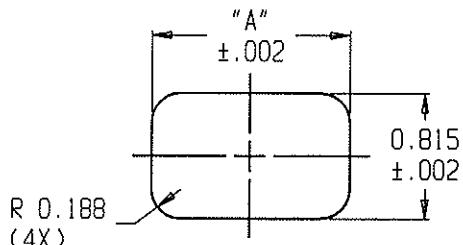
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR
YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.



.250 TERMINALS
.069±.003 DIA. HOLE

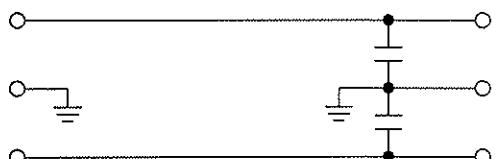


PUNCH PANEL FROM OUTSIDE



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	1.0	5.0	10	50	100	300
COMMON dB	/	2	4	18	13	20
DIFF. dB	/	/	/	/	/	/

THIRD ANGLE PROJECTION

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

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tyco Electronics 
620 S. BUTTERFIELD RD. NAPERVILLE IL 60560

POWER LINE FILTER

SCALE:	DATE:	CATALOG NO.	REV.
.75:1	10MAY07	15SRBS1-W	0

Mouser Electronics

Authorized Distributor

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