

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 C22.2 No. 8
VDE APPROVED: EN 60939-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 20 AMP, 120/250 VAC,
16 AMP/40°C, 250 VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 2 @ 120V 60Hz
5 @ 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:

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

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: 0.306 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: NONE $\mu F \pm 20\%$
LINE TO LINE: 0.100 $\mu F \pm 20\%$
DISCHARGE RESISTOR: 1.0 M 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 FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

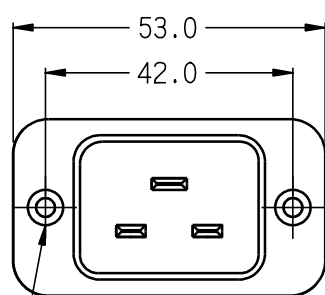
FILTER APPROVAL:

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

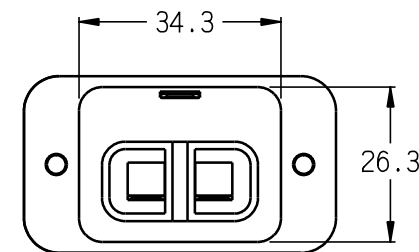
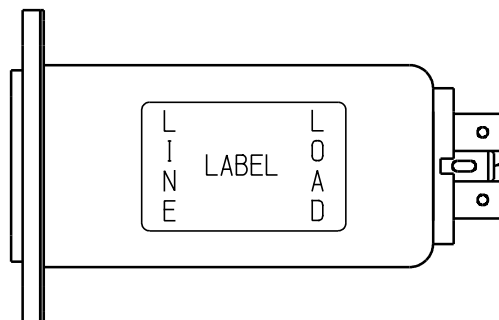
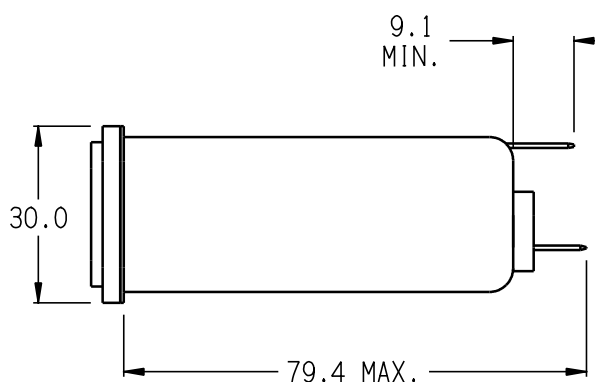
CUSTOMER DRAWING

CATALOG # 20EJH1

ECN#	APPRVD	DATE
12-004115	PJO	03APR12

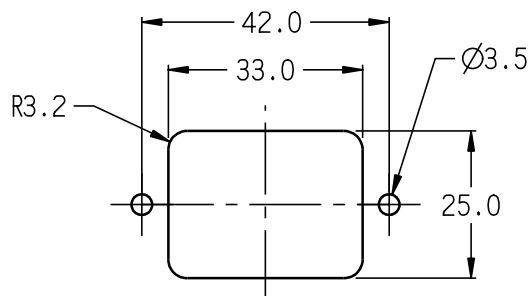


3.2 ϕ WITH
6.0 x 90°
COUNTERSINK
FOR #4 FLAT
HEAD SCREW (2)

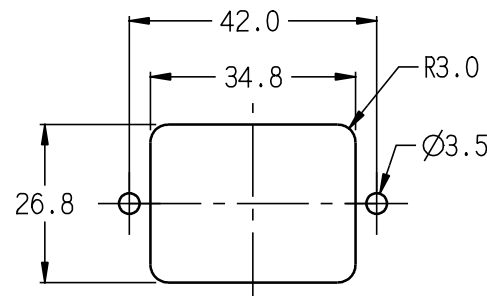


6.35 TERMINAL WITH
1.75 ϕ HOLE (2X)

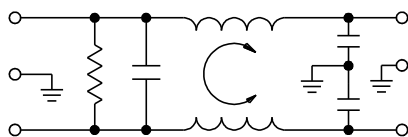
6.35 TERMINAL WITH
1.75 ϕ x 3.93 SLOT



PANEL CUTOUT (FRONT MOUNT)
TOLERANCE: ± 0.1



PANEL CUTOUT (REAR MOUNT)
TOLERANCE: ± 0.1



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	0.1	.15	.5	1	3	5	10	30	/	/	/	/
COMMON dB	3	5	14	16	13	12	11	11	/	/	/	/
DIFF. dB	5	8	19	24	25	35	33	28	/	/	/	/

SHEET SIZE THIRD ANGLE PROJECTION



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

UNLESS OTHERWISE SPECIFIED
TOLERANCE TO BE ± 0.64
MATERIAL & FINISH: AS SUPPLIED
DIMENSIONS IN MILLIMETERS

NOTES:

TE TE Connectivity

POWER LINE FILTER

TE PART NO.: 0-6609009-4

SCALE:	DATE:	DRAWING NUMBER:	REV.
3/4	21JAN02	20EJH1	5
DRW. BY:	DRG:		
LJD	PJO		

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[20EJH1](#)