

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 60939-2

OPERATING SPECIFICATIONS

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

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: 0.25 mA @120V 60Hz
0.43 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:

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

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: 0.36 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C ±1°C)
LINE TO GROUND: 0.0064 μ F ±20%
LINE TO LINE: 0.1016 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:

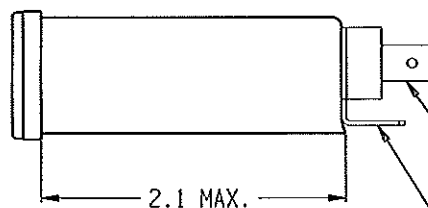
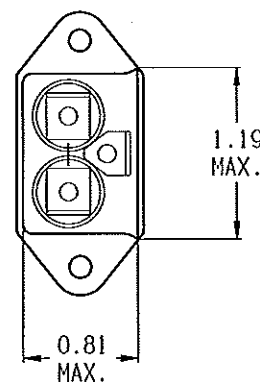
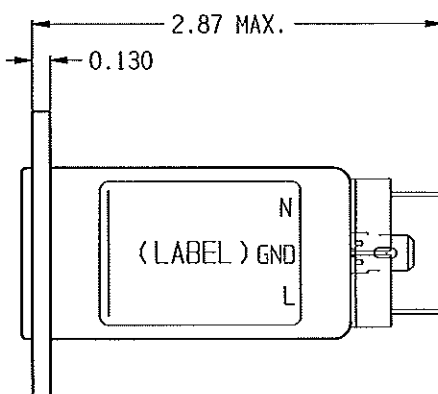
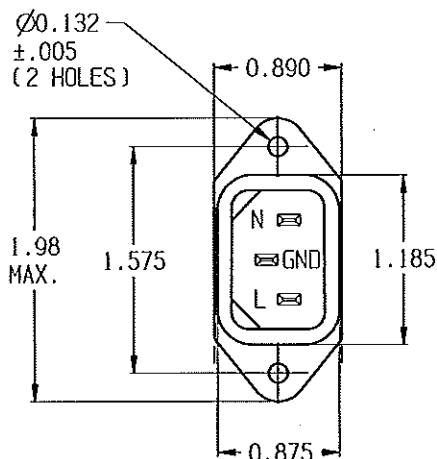
LINE TO GROUND: 1500 VAC FOR 1 MINUTE
LINE TO LINE: 1450 VAC FOR 1 MINUTE

FILTER APPROVAL:

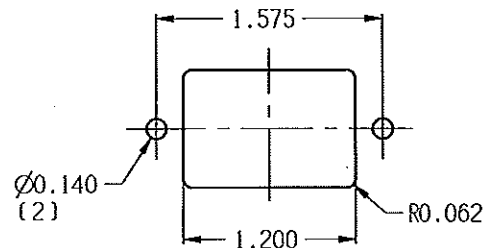
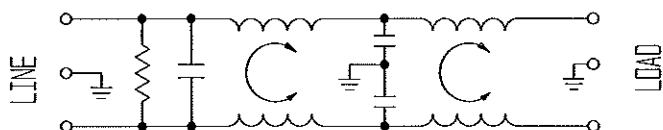
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG # 10EJT1

ECN #	APPRVD.	DATE
10-010353	PJO	27MAY10



0.250 FASTON WITH 0.069 DIA HOLE (2 PLACES)
0.25 FASTON WITH 0.069 X 0.155 SLOT



PANEL CUTOUT (FRONT MOUNT)
TOLERANCE +/- 0.005

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

THIRD ANGLE
PROJECTION



FREQUENCY MHz	.01	.05	.1	.15	.5	1.0	5.0	10	30	100	300	1000
COMMON dB	-	1	4	7	14	21	43	52	61	61	37	14
DIFF. dB	-	-	7	10	21	25	28	44	63	53	48	18

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

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

POWER LINE FILTER

CAD FILE: 10EJT1-G.cad	TE#: 2-6609006-4
SCALE: NTS	DATE: 12JUN03
DRW. BY: PJO	ORIG: PJO
CATALOG NO.	REV.
10EJT1	G

Mouser Electronics

Authorized Distributor

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