CUSTOMER DRAWING		
CATALOG # 60DBJ8		
ECN #	APPRVD.	DATE
09-022309		02OCT09

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
TUV LICENSED: EN 60950

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 60 AMP, 150 VDC 55°C (UL & CSA)
60 AMP, 120 VDC 55°C (TUV)

LINE FREQUENCY: 0 Hz

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: NOT APPLICABLE

OPERATING AMBIENT TEMP. RANGE: -10°C TO +55°C @ RATED CURRENT, I_r.

IN AN AMBIENT, T_a, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o, IS AS FOLLOWS: $I_o = I_r \sqrt{\frac{100 - T_a}{45}}$

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:

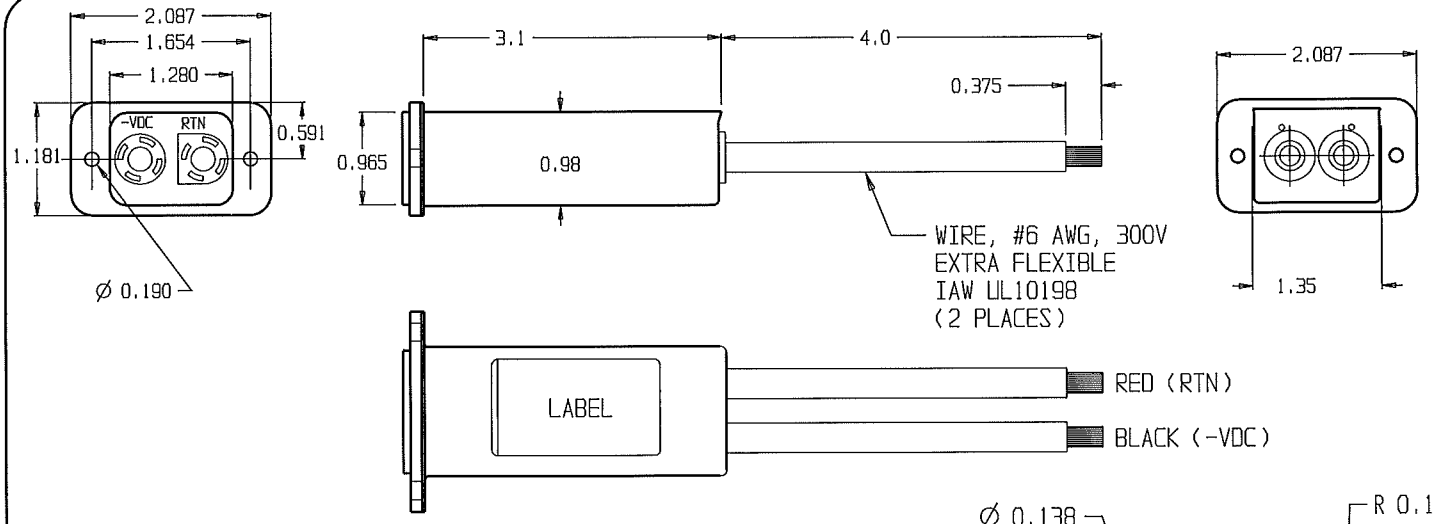
INDUCTANCE: 0.002 mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0066 µF ±20%
LINE TO LINE: 0.1017 µF ±20%
DISCHARGE RESISTOR: 1.5M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

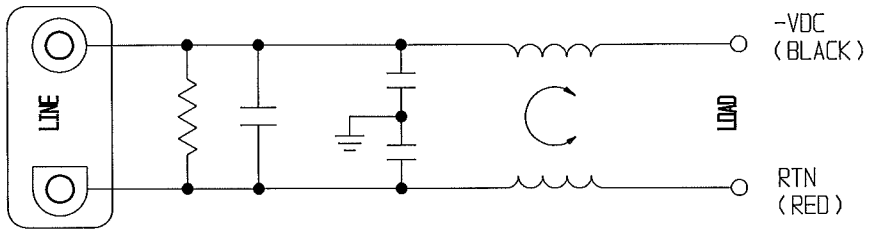
RECOMMENDED RECEIVING INSPECTION HIPOT:

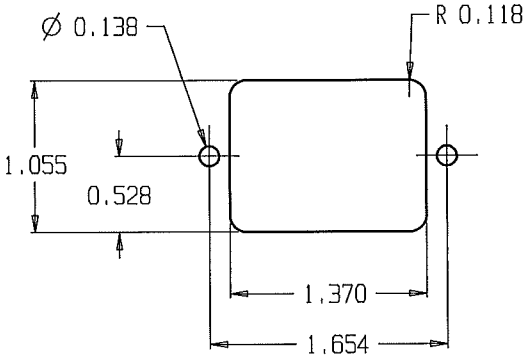
LINE TO GROUND: 2121 VDC FOR 1 MINUTE
LINE TO LINE: 1768 VDC FOR 1 MINUTE

FILTER APPROVAL:

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







PANEL CUTOUT (FRONT MOUNT)
TOLERANCE +/- 0.005

NOTE

NOT RECOMMENDED FOR HOT SWAP APPLICATIONS
NOT RECOMMENDED FOR CURRENT INTERRUPTING

50Ω- 50Ω(MINIMUM) INSERTION LOSS

FREQUENCY MHz	.1	.15	.5	1.0	5.0	10	20	30	50	100
COMMON dB	/	/	/	1	13	21	30	40	30	20
DIFF. dB	5	8	19	26	34	26	20	16	/	/

THIRD ANGLE PROJECTION

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

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

POWER LINE FILTER

TYCO ELECTRONICS PART NO. : 4-1609075-6

SCALE:	DATE:	CATALOG NO.	REV.
NTS	13MAR06	60DBJ8	5
DRW. BY: PJO	DRIG: PJO		