

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

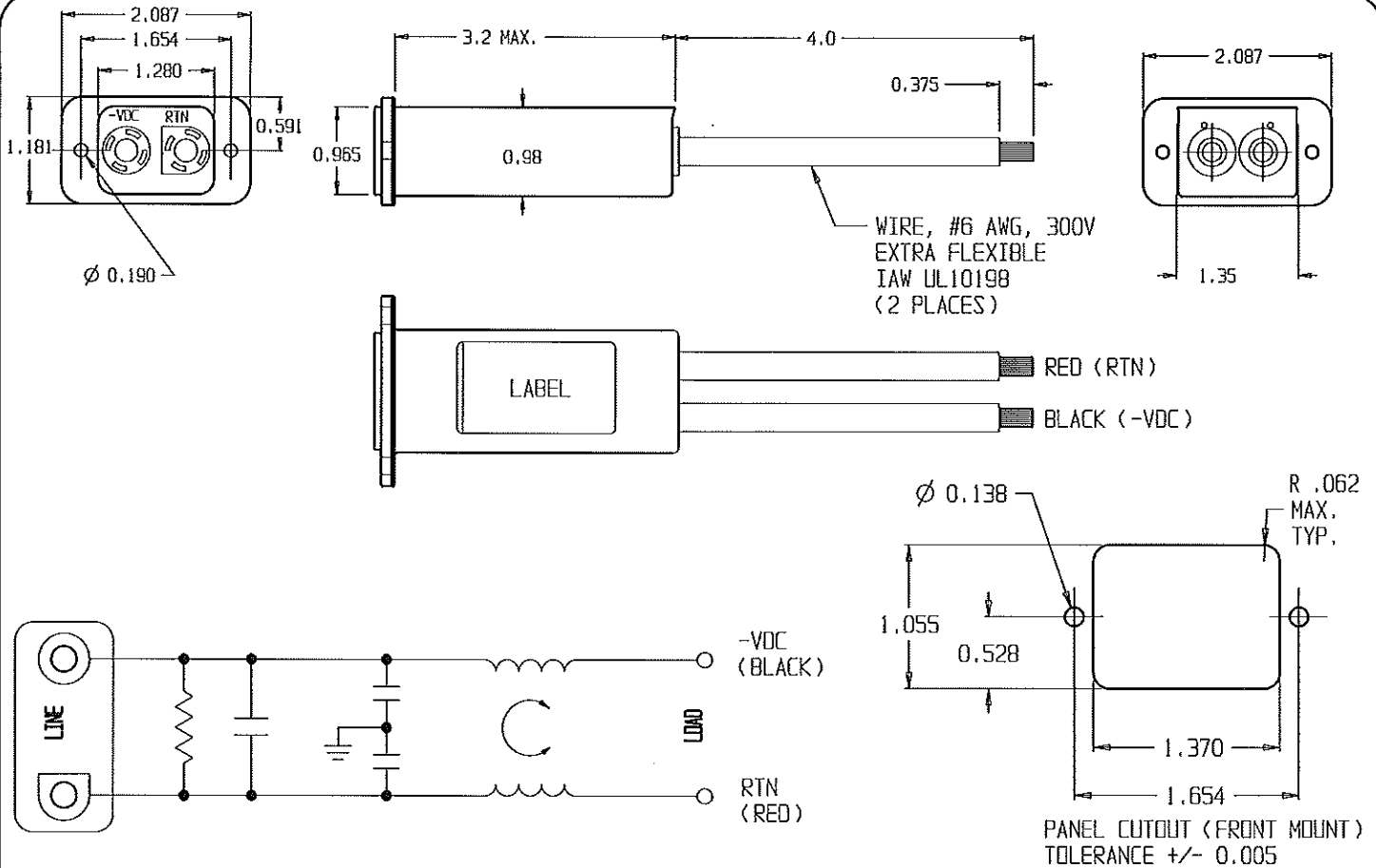
FILTER APPROVAL:

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

CUSTOMER DRAWING

CATALOG # 60DBJ8

ECN #	APPRVD.	DATE
11-005800	PJD	21MAR11



NOTE

NOT RECOMMENDED FOR HOT SWAP APPLICATIONS
 NOT RECOMMENDED FOR CURRENT INTERRUPTING

50Ω - 50Ω (MINIMUM) INSERTION LOSS										THIRD ANGLE PROJECTION	TE Connectivity			
FREQUENCY MHz	.1	.15	.5	1.0	5.0	10	20	30	50	100	UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED			
COMMON dB				1	13	21	30	40	30	20	TYCO ELECTRONICS PART NO. : 4-1609075-6			
DIFF. dB	5	8	19	26	34	26	20	16			SCALE: NTS	DATE: 13MAR06	CATALOG NO. 60DBJ8	REV. K
											DRW. BY: PJD	DATE: PJD		

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