

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, #8
TUV APPROVED: EN6095

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 60 AMP/55°C, 80 VDC

LINE FREQUENCY: DC

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: N/A mA @ 120V 60Hz
N/A mA @ 250V 50Hz

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

IN AN AMBIENT, T_a , HIGHER THAN 55°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85 - T_a}{30}}$$

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: 0.340mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.10 μ F ±20%
LINE TO LINE: 4.425 μ F ±20%
DISCHARGE RESISTOR: 0.165M Ω
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 6000M Ω (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

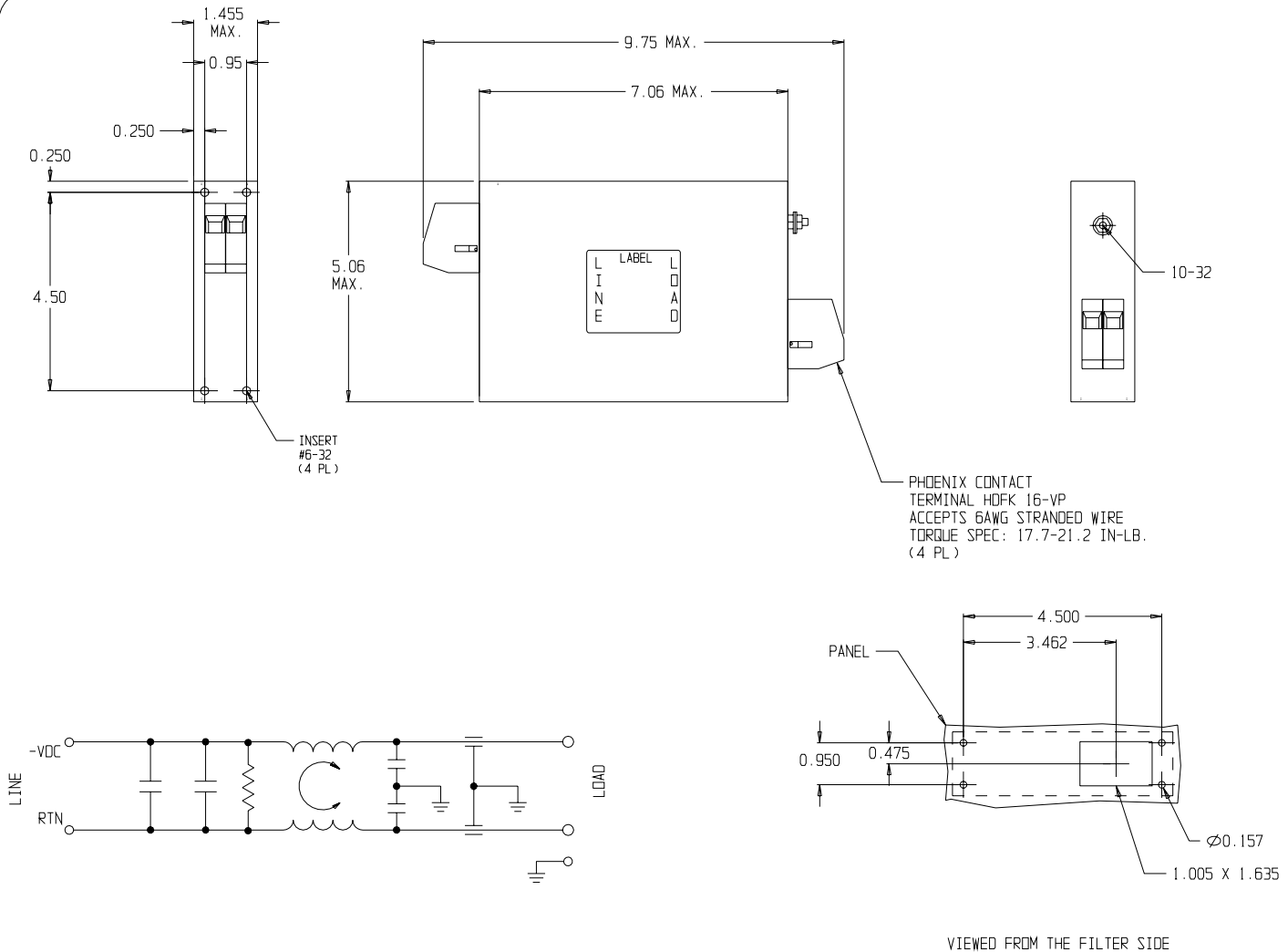
LINE TO GROUND: 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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

CATALOG# 60DCB10F

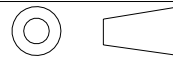
EC#	APPRVD.	DDMMYY
0631-0093-03		11MAR03



50 Ω - 50 Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.01	.05	0.1	0.15	0.5	1	3	5	10	20	50 TO 300	300 TO 3000
COMMON dB			9	16	38	42	52	60	48	26	40	30 TYP.
DIFF. dB	15	30	36	40	37	26	46	54	48	30		

THIRD ANGLE
PROJECTION



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

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POWER LINE FILTER

CAD FILE: G:\CD\60DCB10F01	TYCO # 5-1609074-0	REV.
SCALE: NTS	DATE: 01-02-01	CATALOG NO.
DRW. BY: PJO	DRG: PJO	60DCB10F
		1

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