

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: EN60950

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 100 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_0 , HIGHER THAN 55°C, THE MAXIMUM OPERATING CURRENT, I_0 , IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85 - T_0}{30}}$$

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: 0.094 μ F ± 20%
 LINE TO LINE: 4.424 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:

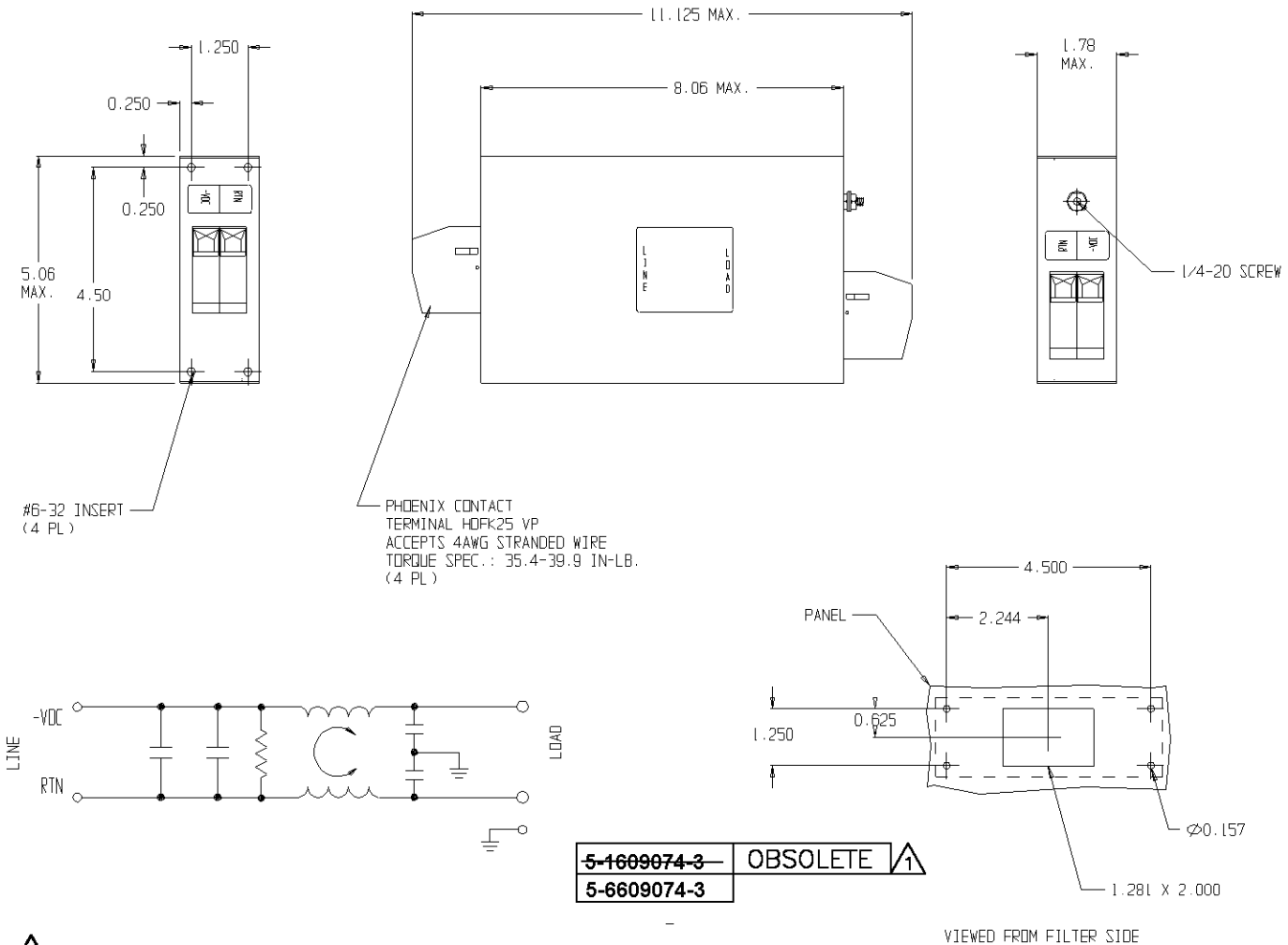
LINE TO GROUND: 2250 VDC FOR 1 MINUTE
 LINE TO LINE: 1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

15621 THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.

CATALOG #100DCB10

EC#	APPRVD.	DDMMYY
0631-0093-03		11MAR03
ECO-09-026495	AEG	11DEC09



5-1609074-3 OBSOLETE

5-6609074-3

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS										THIRD ANGLE PROJECTION	tyco /Electronics corcom 944 E. ROCKLAND RD. LIBERTYVILLE IL 60048	
FREQUENCY MHz	.01	.05	0.1	.15	0.5	1	3	5	10	30	UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE \pm .025 MATERIAL & FINISH: AS SUPPLIED	
COMMON dB			10	18	38	39	53	50	35	21	POWER LINE FILTER	
DIFF. dB	14	29	35	39	33	30	53	53	41	30	This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except an CORCOM'S prior written consent.	
										CAD FILE: G:\CD\100DCB1002	TYCO # 5-1609074-3	REV.
										SCALE: NTS	DATE: 11-7-00	CATALOG NO.
										DRW. BY: PJD	DRIG: PJD	100DCB10
												C1