

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
TVJ APPROVED: EN 60950

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 10 AMP, 125VDC

LINE FREQUENCY: DC

MAXIMUM LEAKAGE CURRENT,
EACH LINE TO GROUND: N/A

OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r .

IN AN AMBIENT, T_o , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{90 - T_o}{35}}$$

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:

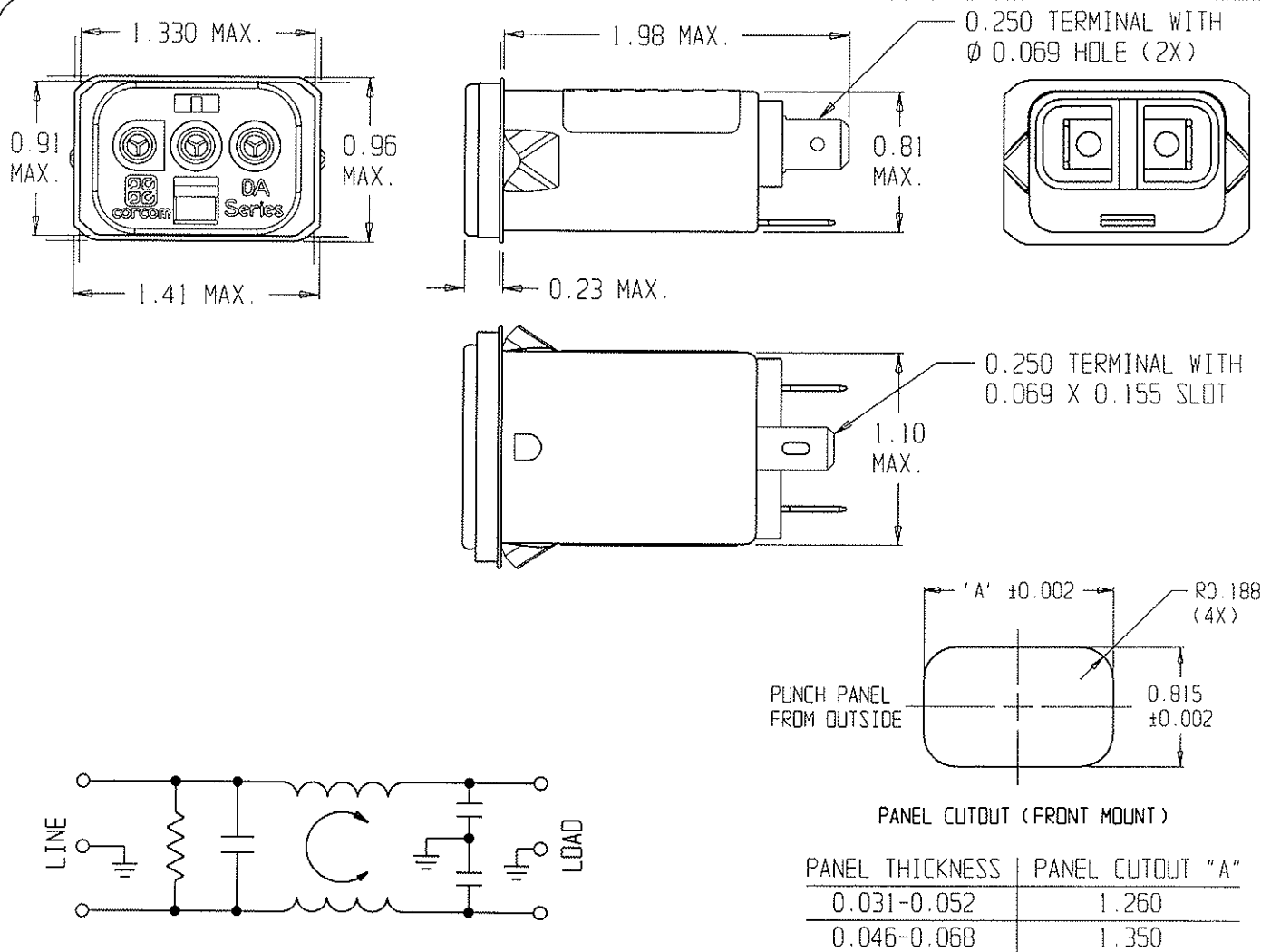
INDUCTANCE: 0.100mH NOMINAL
CAPACITANCE: (MEASURED @ 1KHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.0107µF ±20%
LINE TO LINE: 0.1027µF ±20%
DISCHARGE RESISTOR: 3.3MΩ
L/G AND L/L I.R.
NO DISCHARGE RESISTOR: 5000MΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC 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



50Ω - 50Ω (MINIMUM) INSERTION LOSS												THIRD ANGLE PROJECTION				  844 E. ROCKLAND RD. LIBERTYVILLE IL 60048			
FREQUENCY MHz	0.05	0.10	0.15	0.5	1.0	3.0	5.0	10	30	100	200	UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025 MATERIAL & FINISH: AS SUPPLIED						CUSTOMER DRAWING 10DAS1	
COMMON dB	-	1	4	8	17	25	30	36	38	21	11	This document is proprietary to CORCOM INC. and is not to be reproduced nor used for manufacturing purposes except on CORCOM'S prior written consent.		TYCO: 2-1609075-5		SCALE: NTS	DATE: 26MAR03	CATALOG NO. 10DAS1	REV A
DIFF. dB	2	4	6	17	22	23	32	48	38	30	26			DRW. BY: ELC					