SAFETY ORGANIZATION(S):
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, NO.0,0.4,8
VDE APPROVED   VDE 565-3

OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT: 1 AMP., 120/250 VAC
                             1 AMP./40°C, 250 VAC
LINE FREQUENCY: 50-60Hz
MAX. CASE RISE @ RATED CURRENT: 30°C
MAX. LEAKAGE CURRENT, EACH
     LINE TO GROUND   .5 mA at 120V 60 Hz
                             1.0 mA at 250V 50 Hz
OPERATING AMBIENT TEMP. RANGE: -10°C TO +40°C @ RATED CURRENT, I_r

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

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$

RELIABILITY SPECIFICATIONS:
STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH
CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:
INDUCTANCE: 1.86 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
     LINE TO GROUND: .011μF ±20%
     LINE TO LINE: .203μF ±20%
DISCHARGE RESISTOR   1.5MΩ
LINE/GROUND AND LINE/LINE   6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE   20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:
LINES TO GROUND: 2250 VDC FOR 1 MINUTE
LINE TO LINE: 1450 VDC FOR 1 MINUTE
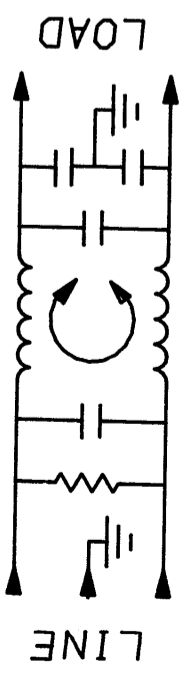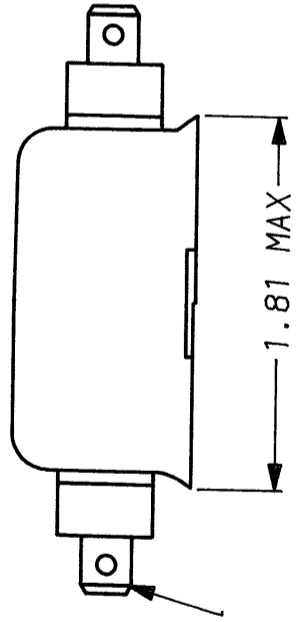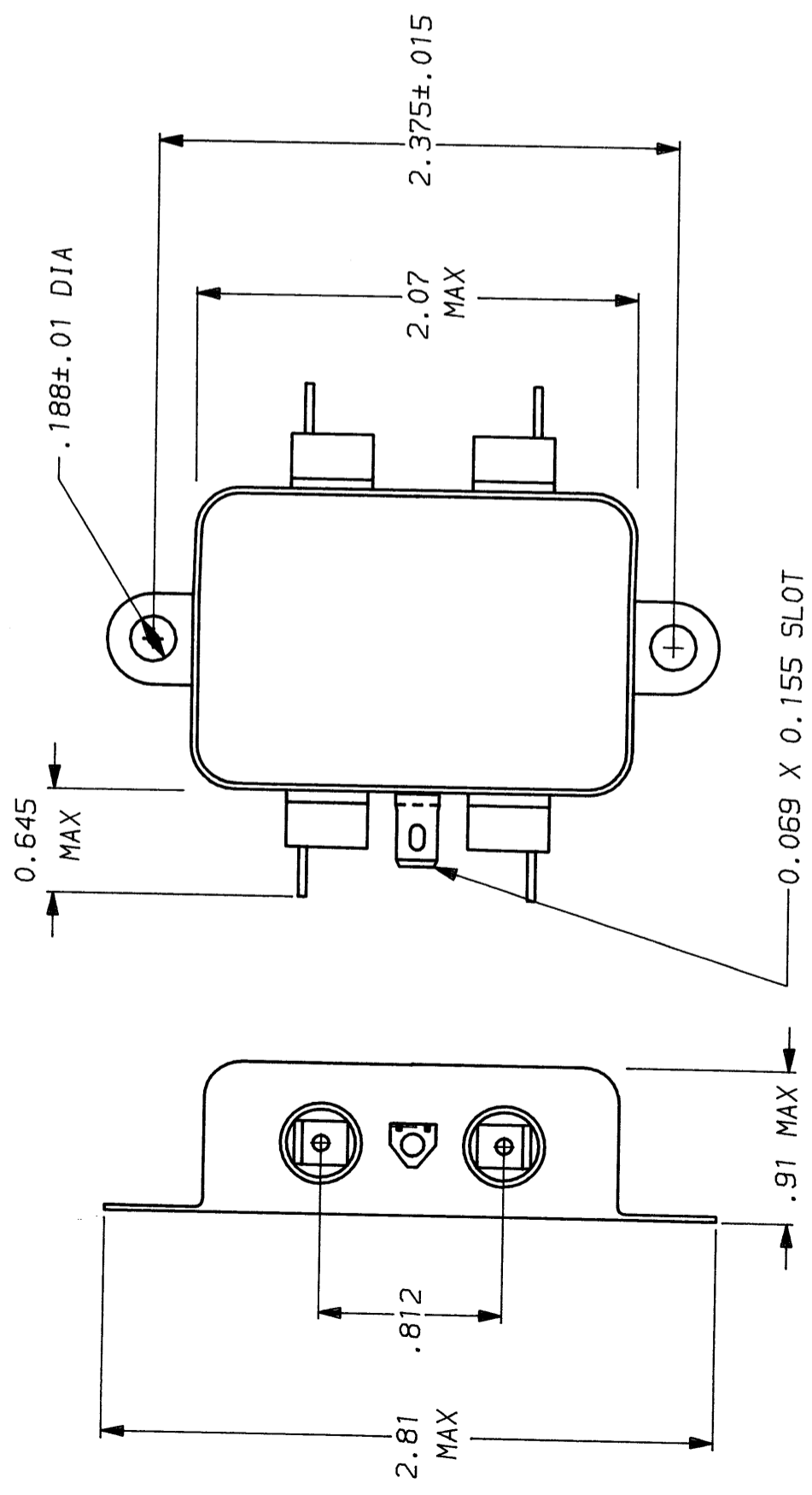
FILTER APPROVAL:
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING
TO TEST THE UNIT IN YOUR EQUIPMENT.

APPROVED BY/DATE	REV
C. Walter 5-21-92	6

CORCOM
LIBERTYVILLE, IL 60048

POWER LINE FILTER

	DRG. NO.	REV.
	1 VK1	.06

SCALE	DATE		
NTS	7-31-90		
DRW. BY	ORIGINATOR		1 VK1.06
CFW	CFW		

MATERIAL: AS SUPPLIED
FINISH: AS SUPPLIED

TOLERANCE EXCEPT AS NOTED

DECIMAL:	.XXX	.XX	.X	ANGLES
ENGLISH: ±.025				±1°
METRIC: ±			—	

50Ω - 50Ω (MINIMUM) INSERTION LOSS

FREQUENCY MHz	.15	.3	.5	1	2	5	10	20	30
COMMON dB	17	27	35	44	50	50	50	50	50
DIFF. dB	3	3	30	50	60	60	50	45	50

.188±.01 DIA

2.375±.015

2.07 MAX

0.645 MAX

0.069 X 0.155 SLOT

1.81 MAX

.91 MAX

2.81 MAX

.812

.250 FASTON .069±.003 HOLE (5)

LOAD

LINE

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity](#):
  [1VK1](#)