

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 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:

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

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:

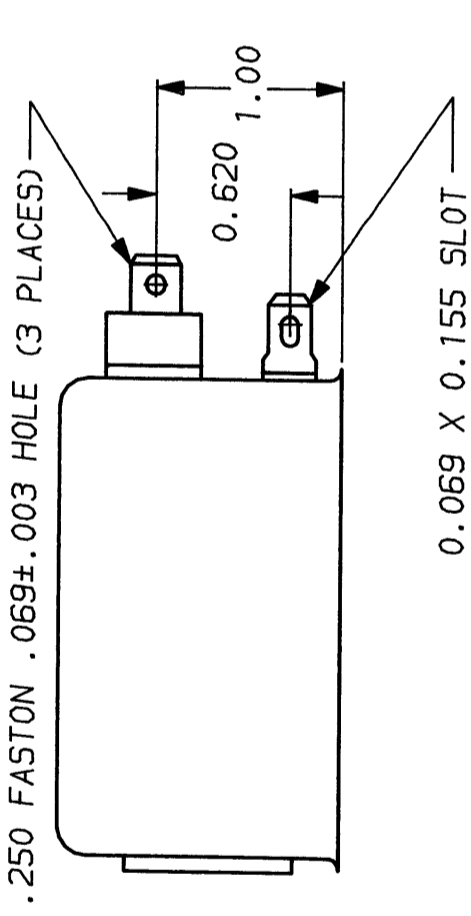
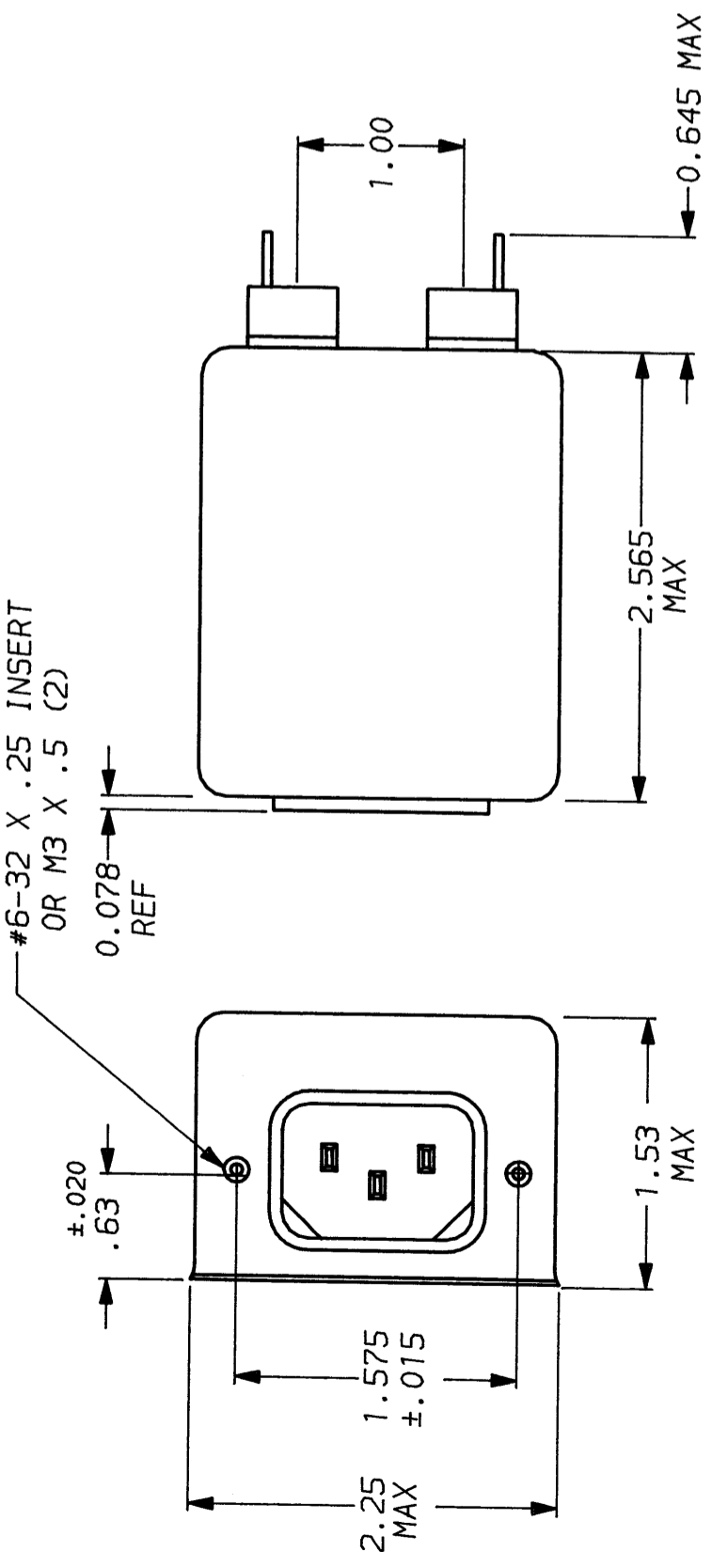
INDUCTANCE:
7.06 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR
330 KΩ
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

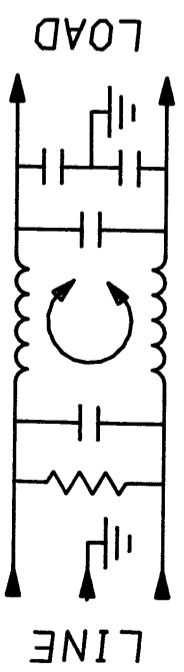
LINES TO GROUND:
2250 VDC FOR 1 MINUTE
LINE TO LINE:
1450 VDC FOR 1 MINUTE

FILTER APPROVAL:

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



PANEL CUTOUT
TOLERANCE ±.005



50Ω - 50Ω (MINIMUM)		INSERTION LOSS										
FREQUENCY MHz	.01	.02	.05	.08	.1	.15	.5	1	5	10	20	30
COMMON dB	6	11	19	24	26	31	50	44	42	42	42	42
DIFF. dB	1	1	2	3	10	25	59	65	62	40	40	40

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TOLERANCE EXCEPT AS NOTED
DECIMAL: .XXX .XX .X ANGLES ± 1°
ENGLISH: ±.025
METRIC: ±

MATERIAL:
AS SUPPLIED

FINISH:
AS SUPPLIED

CORCOM
LIBERTYVILLE, IL 60048

CORCOM
POWER LINE FILTER

SCALE	NTS	DATE	8-7-90	DRG. NO.	3VSK7 & 3VSK7M	REV.	6
DRW. BY	CFW	ORIGINATOR	CFW				

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[3VSK7](#) [6609036-3](#)