

DESCRIPTION	APPROVED BY/DATE	REV
	C. Westub 8-2-90	3
ECO-09-026495	AEG / 07DEC09	4

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
OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT:

UL 1283
3.0 AMP., 120/250 VAC
LINE FREQUENCY: 50-60Hz
MAX. CASE RISE @ RATED CURRENT: 40°C
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND .83 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:

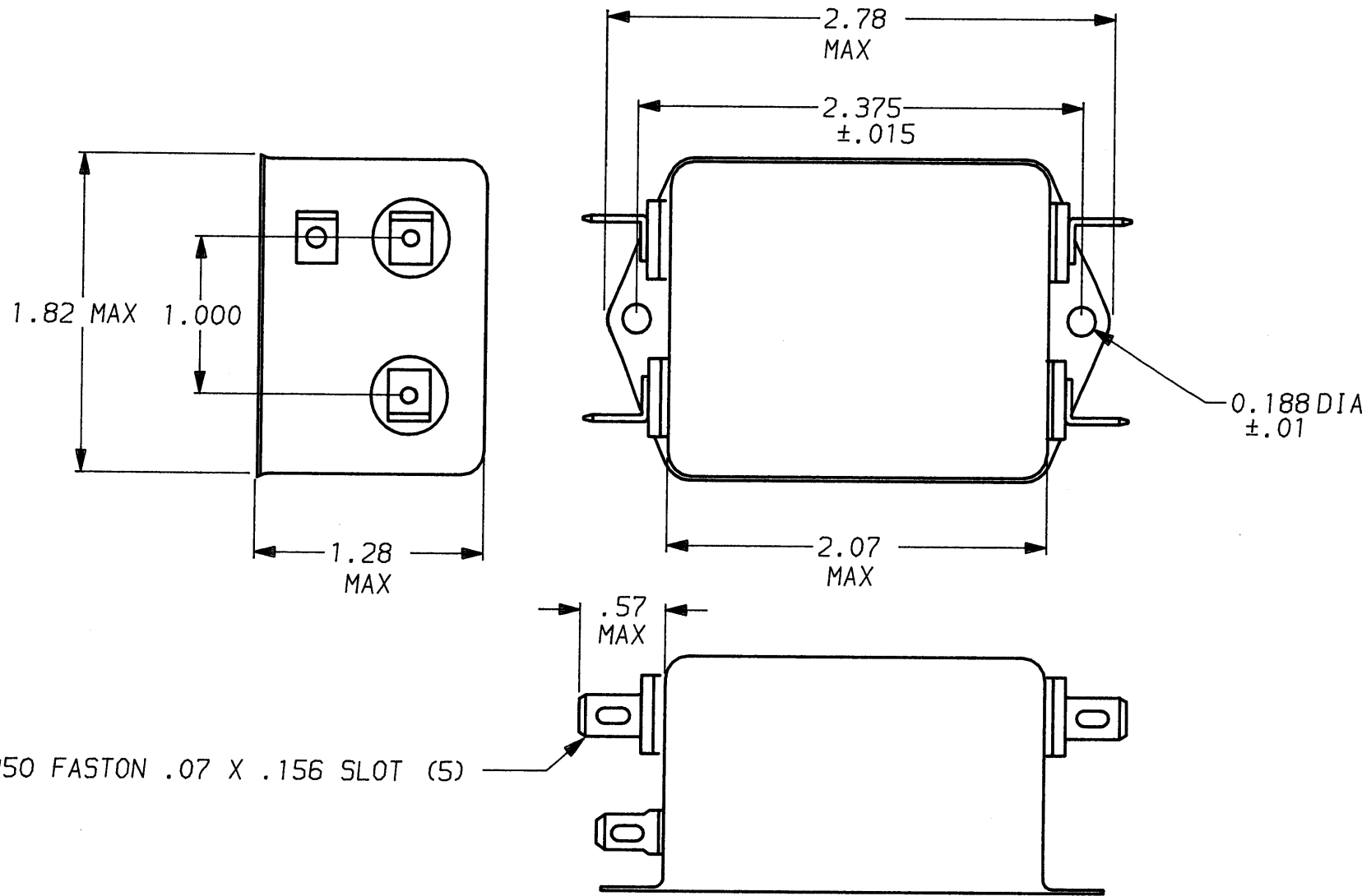
INDUCTANCE: 1.05 mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND: .011μF ±20%
LINE TO LINE: .813μF ±20%
DISCHARGE RESISTOR: 330 KΩ
LINE/GROUND AND LINE/LINE: 6000 MΩ (MIN) AT 100 VDC
INSULATION RESISTANCE: 20°C AND 50% RH
(W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOT:

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

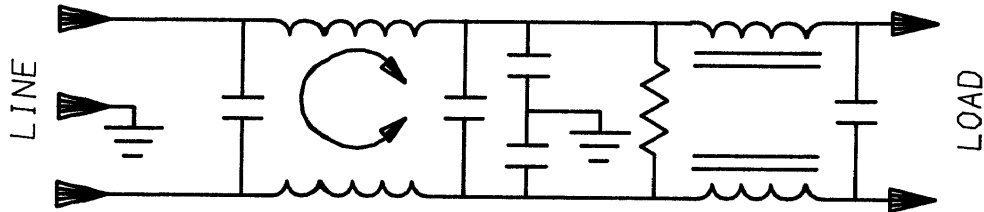
FILTER APPROVAL:

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



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

6609040-1
1609040-1 OBSOLETE 1



50Ω - 50Ω (MINIMUM) INSERTION LOSS											
FREQUENCY MHz	.15	.2	.5	1	2	5	10	20	30		
COMMON dB	15	18	30	43	55	65	65	65	65		
DIFF. dB	25	35	65	65	65	60	55	52	50		

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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

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	7-31-90	3V1A.04	
DRW. BY	ORIGINATOR		
CFW	CFW		

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[3V1A](#)