

RES30F01

Rev. 0

CHARACTERISTICS:

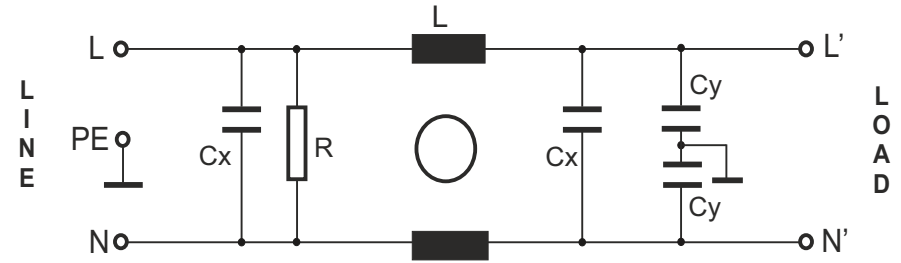
| | |
|---|---------------------------|
| Rated Voltage: | 250VAC max |
| Rated Current at Ambient: | 1A @ 40°C |
| Operating Frequency: | DC-60HZ |
| Climatic Class (IEC60068-1): | 25/100/21 |
| Temperature Range: | -25°C to +100°C |
| Over load Current: | 1.5 x Rated Ct. for 1 Min |
| Operational Leakage current : (at 230VAC and Total C +/-20%) | 0.34 mA max |
| Worst case Leakage current : (N interrupted and Total C +/-20%) | <0.68 mA max |
| DCR @ 25°C (+/-25%) : | 325 mΩ |
| Test Volatge (100%) for 2 sec:- | |
| P-P: | 1500VDC |
| P-GND: | 3000VDC |
| Ingress Protection: | IP 20 |
| Weight (Approximate): | 60 gr |
| FILTER PARAMETERS: | |
| Total Inductance (P-P'+N-N') @10KHz: | 20mH +50%,-30% |
| Total Capacitance (P-P/P-N) @1KHz: | 0.44μF +/- -20% |
| Total Capacitance (P/N-GND) @1KHz: | 4.4nF +/- -20% |
| Total Resistance (P-P/P-N): | 1M Ω +/- -10% |
| Total Resistance (P/N-GND): | |

APPROVALS: REACH
RoHS
UL

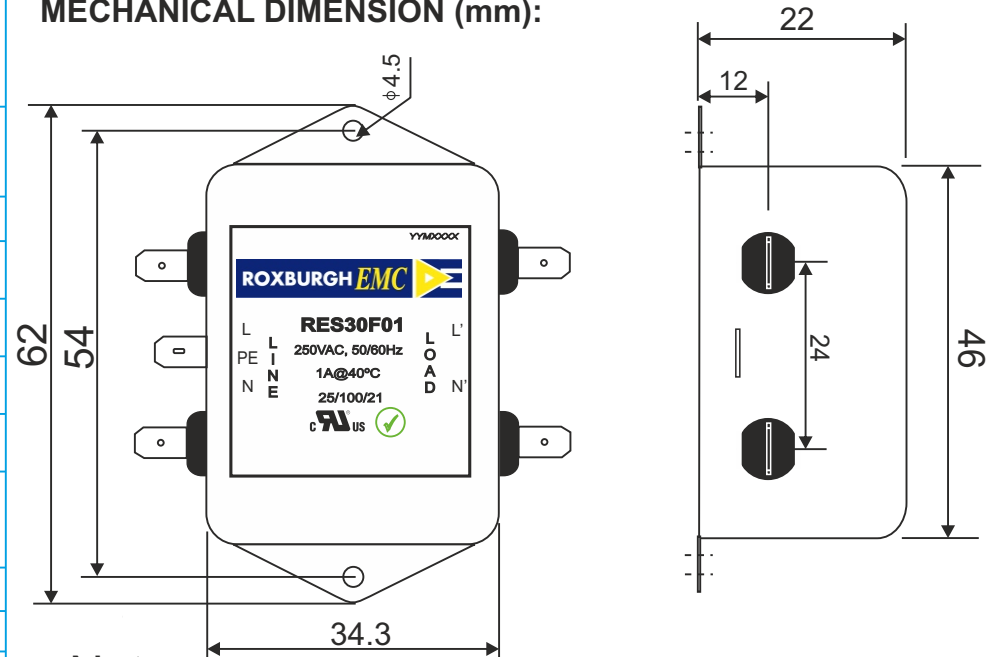


APPROVED BY
AJAY
Date:25-04-2014

CIRCUIT DIAGRAM:



MECHANICAL DIMENSION (mm):



Note:

Housing matl. Fe with Ni Plated
Fast-On Terminal (6.38 x 0.8mm)
Connections

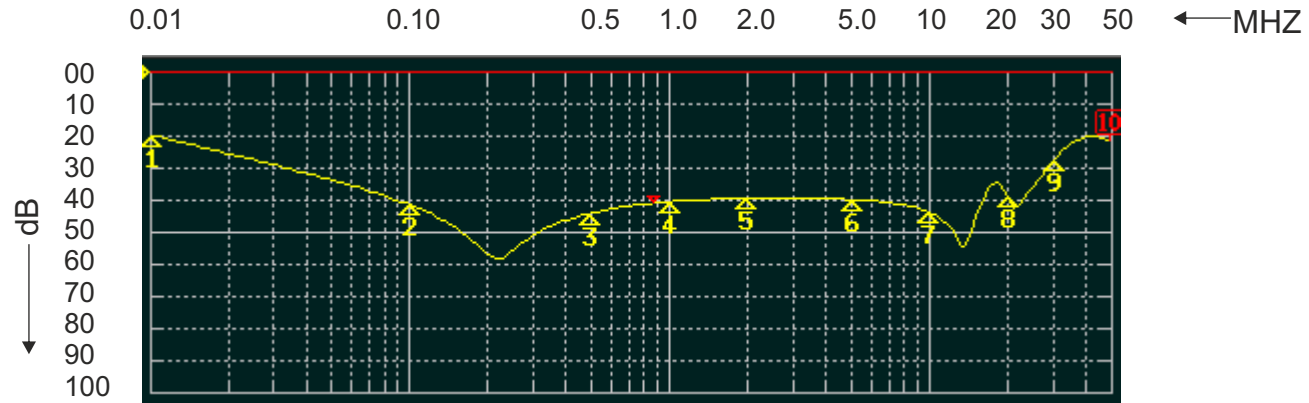
TOLERANCE: +/-1.0 mm



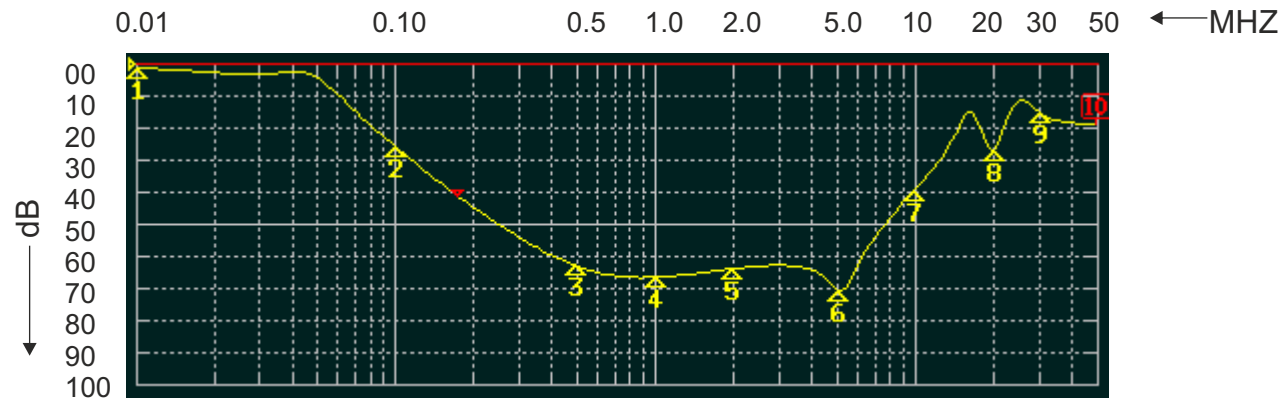
ROXBURGH EMC

FILTER INSERTION LOSS CHARACTERISTICS CISPR 17 - 50 OHM METHOD

RES30F01



COMMON MODE



DIFFERENTIAL MODE



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