

RES30F16-M

Rev. 0

CHARACTERISTICS:

Rated Voltage:	250VAC max
Rated Current at Ambient:	16A @ 40°C
Operating Frequency:	DC-400HZ
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/50Hz and Total C +/-20%)	0.002 mA max
Worst case Leakage current : (N interrupted and Total C +/-20%)	<1.11 mA max
DCR @ 25°C (+/-25%) :	50 mΩ
Test Voltage (100%) for 2 sec:-	L-N: 1100VDC
	L-GND: 3000VDC
Ingress Protection:	IP 20
Weight (Approximate):	210 gr

FILTER PARAMETERS:

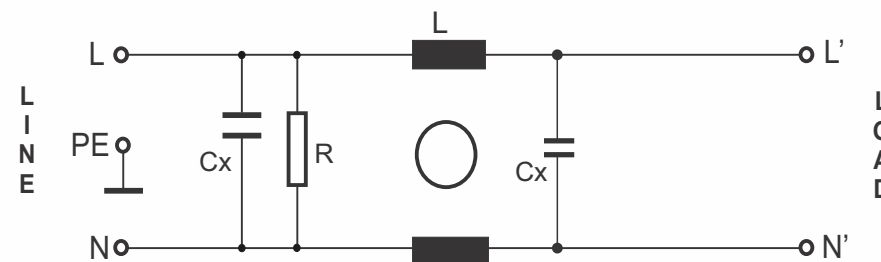
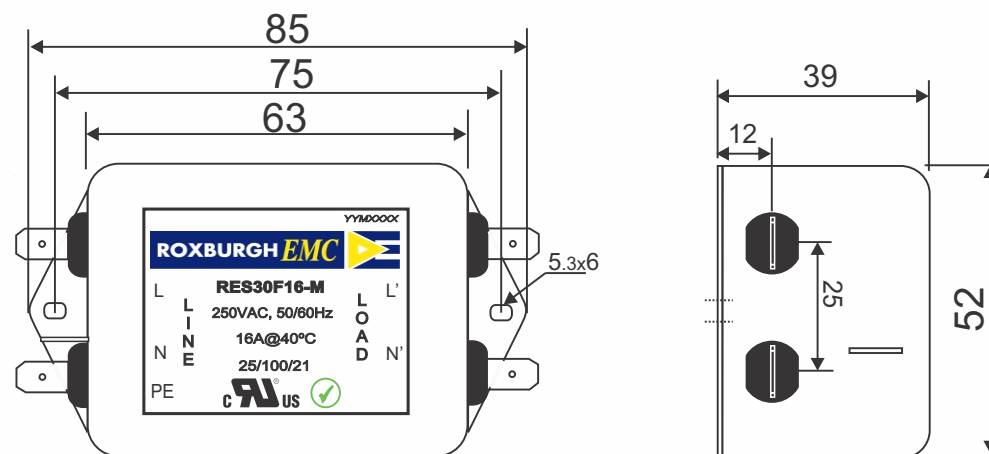
Total Inductance (L-L'+N-N') @10KHz:	4.0mH +50%,-30%
Total Capacitance (L-L/L-N) @1KHz:	2.0μF +/- -20%
Total Capacitance (L/N-GND) @1KHz:	NA
Total Resistance (L-L/L-N):	0.33M Ω +/- -10%
Total Resistance (L/N-GND):	

APPROVALS: REACH
RoHS
UL



APPROVED
BY
AJAY

Date: 5-04-2014

CIRCUIT DIAGRAM:**MECHANICAL DIMENSION (mm):****Note:**

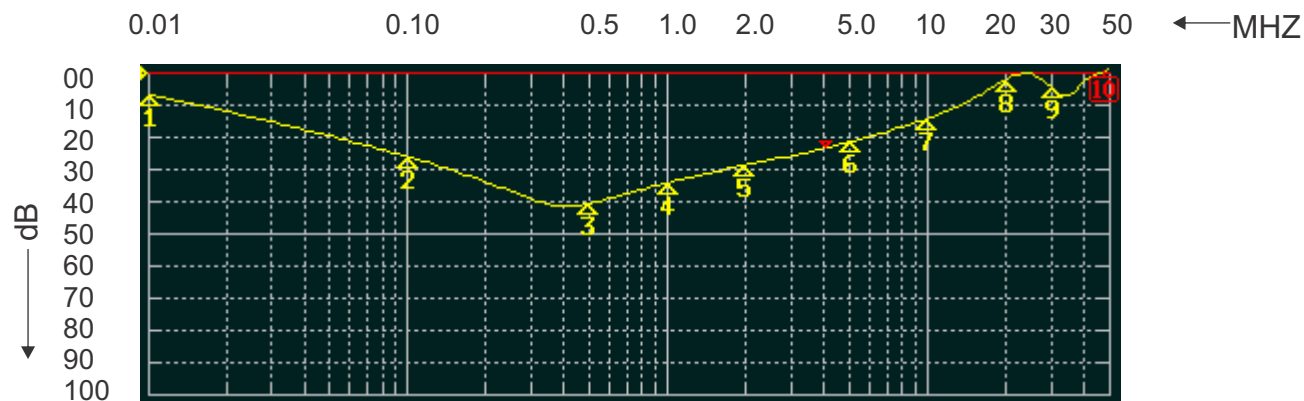
Housing matl. Fe with Ni Plated
Fast-On Terminal (6.3 x 0.8mm)
RES20S20 (Optional screw M4)
Connections

TOLERANCE: +/-1.0 mm

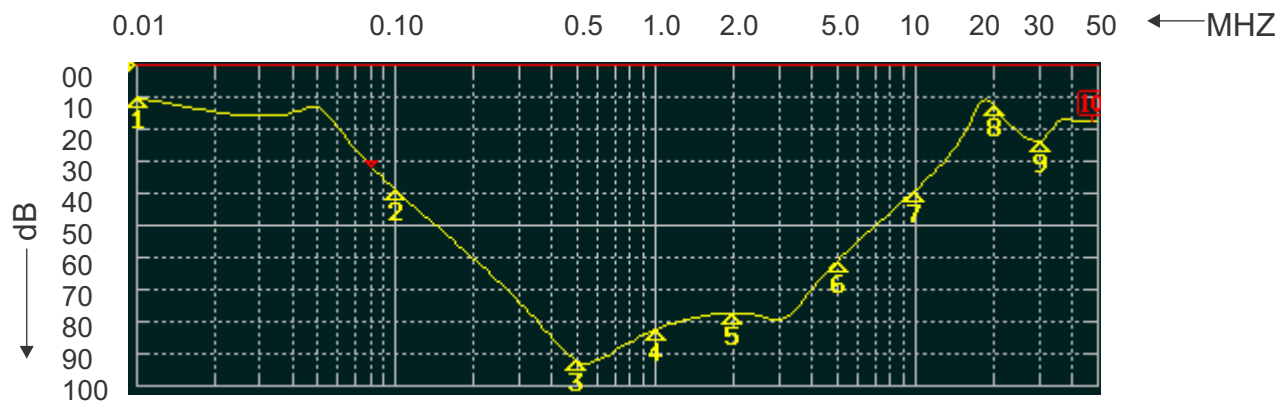


ROXBURGH EMC
FILTER INSERTION LOSS CHARACTERISTICS
CISPR 17 - 50 OHM METHOD

RES30F16-M



COMMON MODE



DIFFERENTIAL MODE

