RES60F16

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%)	0.734 mA max
Worst case Leakage current : (N interrupted and Total C +/-20%)	<1.18 mA max
DCR @ 25°C (+/-25%) :	25 mΩ
Test Voltage (100%) for 2 sec:- L-N:	1100VDC
L-GND:	3000VDC
Ingress Protection:	IP 20
Weight (Approximate):	200 gr

FILTER PARAMETERS:

Total Inductance (L-L'+N-N') @10KHz:	1.30mH +50%,-30%
Total Capacitance (L-L/L-N) @1KHz:	0.66µF +/ -20%
Total Capacitance (L/N-GND) @1KHz:	9.4nF +/ -20%
Total Resistance (L-L/L-N):	1MΩ +/ -10%
Total Resistance (L/N-GND):	

APPROVALS:

REACH
RoHS
UL

APPROVED
BY
AJAY
DATE : 19-03-2014

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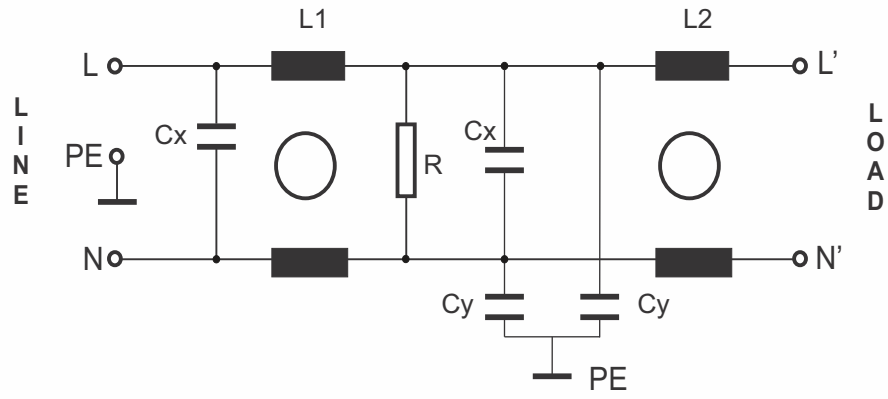
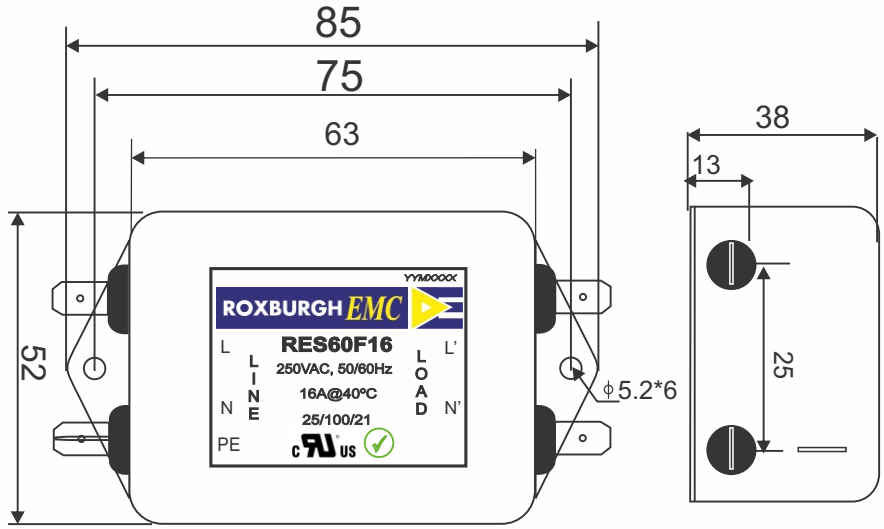
CIRCUIT DIAGRAM:



MECHANICAL DIMENSION (mm):



Note:

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

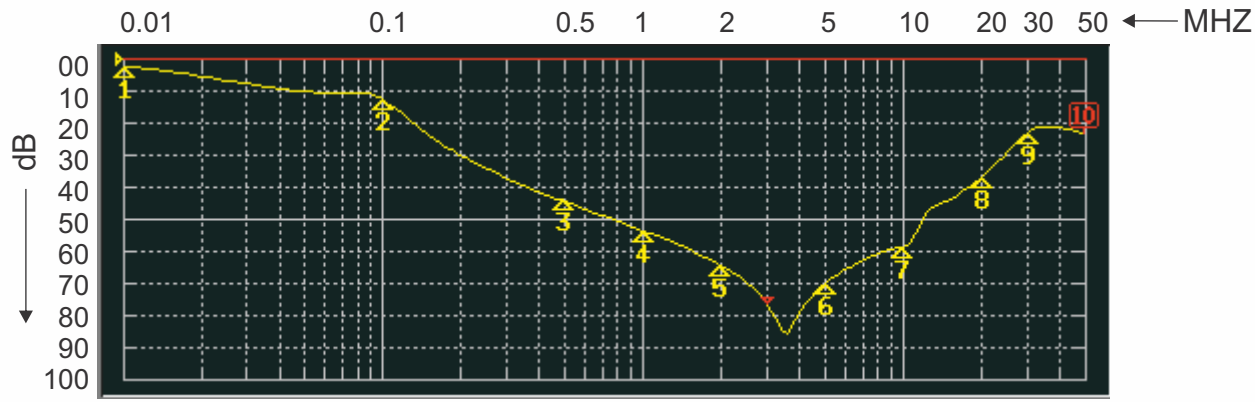
TOLERENCE: +/-1.0 mm

ROXBURGH ELECTRONICS LTD

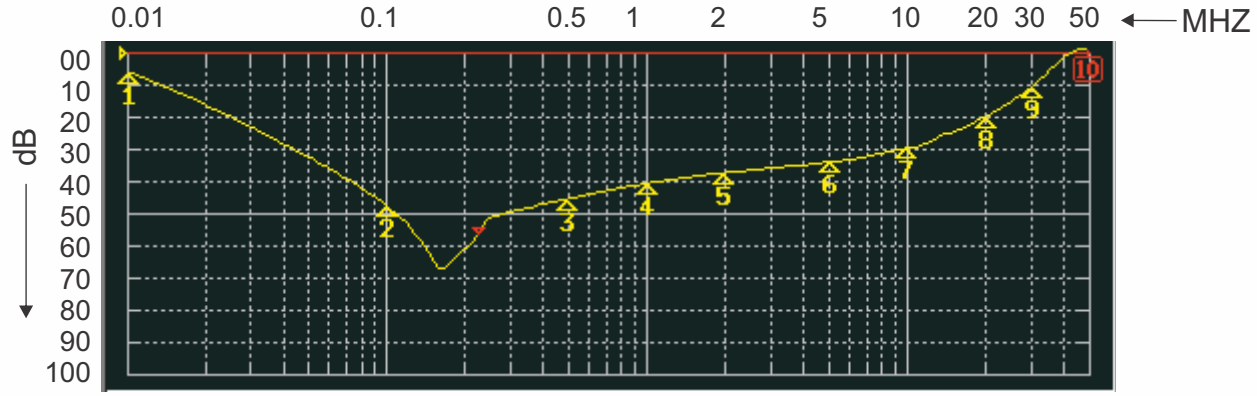
FILTER INSERTION LOSS CHARACTERISTICS

CISPR 17 - 50 OHM METHOD

RES60F16



COMMON MODE



DIFFERENTIAL MODE