

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

Ingress Protection:	IP 20
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Weight (Approximate):	200 gr
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FILTER PARAMETERS:

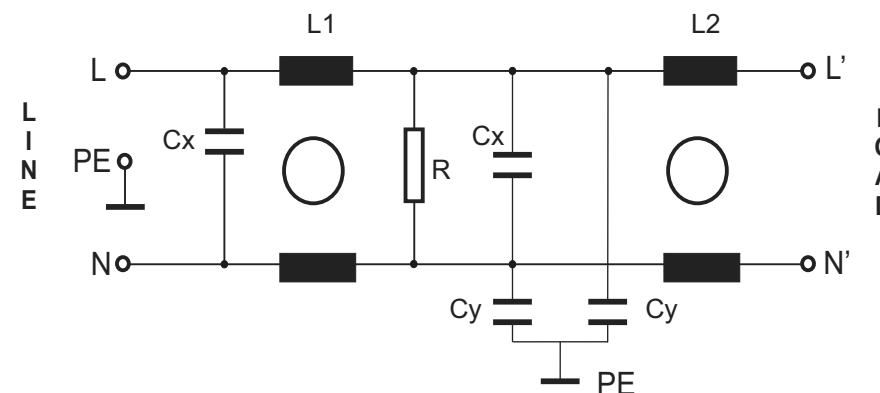
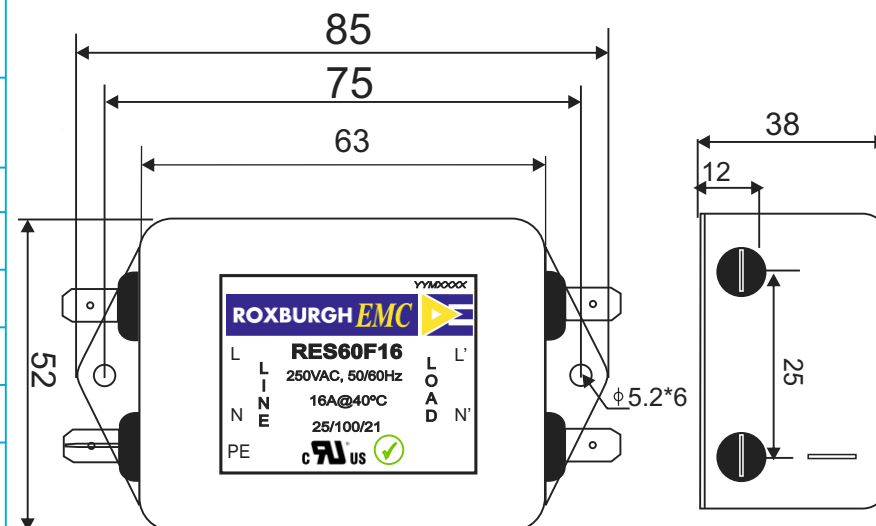
Total Inductance (L-L'+N-N') @10KHz:	1.30mH +50%,-30%
Total Capacitance (L-L/L-N) @1KHz:	0.66μF +/- -20%
Total Capacitance (L/N-GND) @1KHz:	9.4nF +/- -20%
Total Resistance (L-L/L-N):	1MΩ +/- -10%
Total Resistance (L/N-GND):	

APPROVALS:

REACH
RoHS
UL



APPROVED
BY
AJAY
DATE : 19-03-2014

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

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

TOLERANCE: +/-1.0 mm

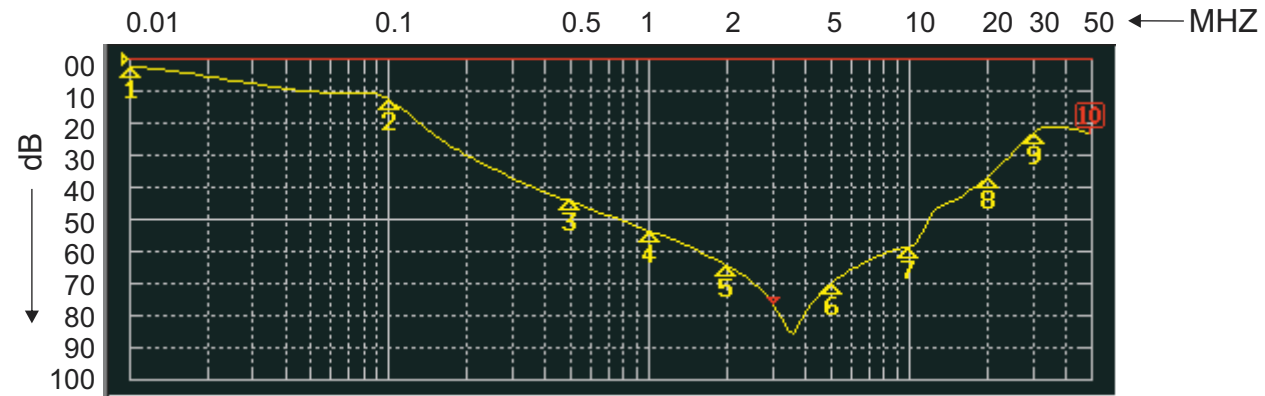
ROXBURGH EMC

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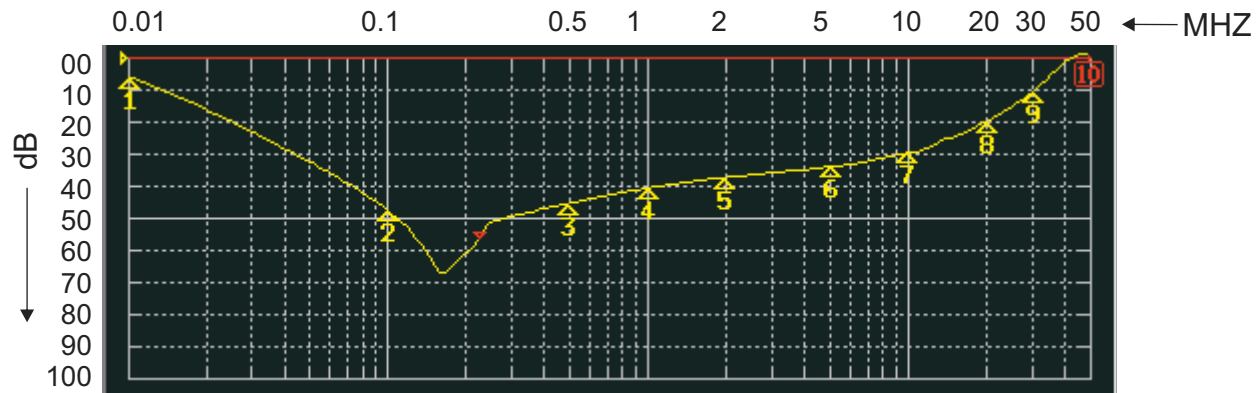


ROXBURGH ELECTRONICS LTD
FILTER INSERTION LOSS CHARACTERISTICS
CISPR 17 - 50 OHM METHOD

RES60F16



COMMON MODE



DIFFERENTIAL MODE

