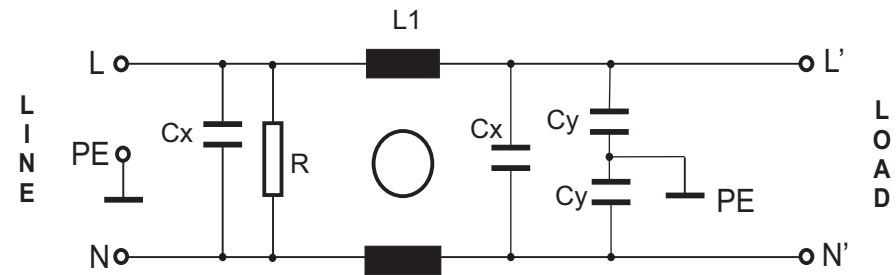
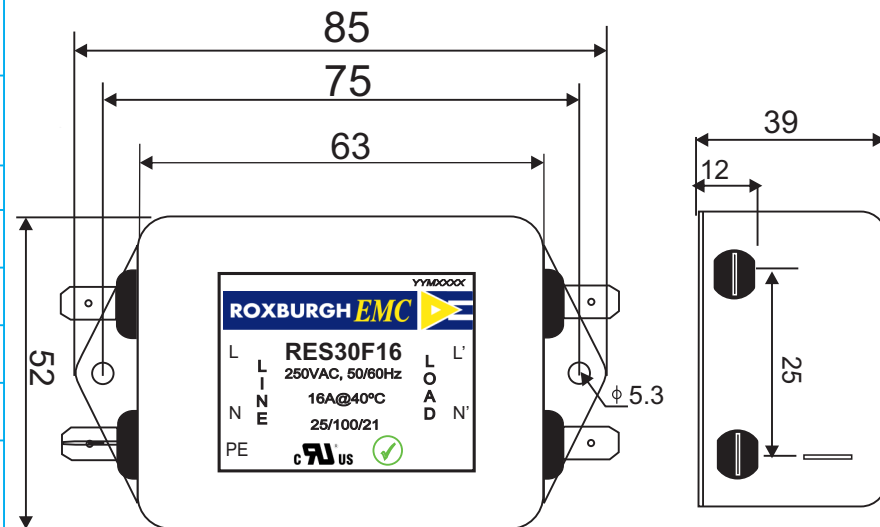


RES30F16		Rev. 0
CHARACTERISTICS:		
Rated Voltage:	250VAC max	
Rated Current at Ambient:	16A @ 40°C	
Operating Frequency:	DC-400HZ	
Climatic Class (IEC60068-1):	25/100/21	
Temperature Range:	-25°C to +100°C	
Over load Current:	1.5 x Rated Ct. for 1 Min	
Operational Leakage current : (at 230VAC/50Hz and Total C +/-20%)	0.87 mA max	
Worst case Leakage current : (N interrupted and Total C +/-20%)	<1.18 mA max	
DCR @ 25°C (+/-25%) :	50 mΩ	
Test Volatge (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:	4mH +50%,-30%	
Total Capacitance (L-L/L-N) @1KHz:	2.0μF +/- -20%	
Total Capacitance (L/N-GND) @1KHz:	20nF +/- -20%	
Total Resistance (L-L/L-N):	0.330MΩ +/- -10%	
Total Resistance (L/N-GND):		
APPROVALS:		
REACH RoHS UL		APPROVED BY AJAY DATE : 18/03/2014
		
		Tel:- +44(0) 1724 273200 email:- sales@dem-uk.com web :- www.dem-uk.com/roxburgh

CIRCUIT DIAGRAM:



MECHANICAL DIMENSION (mm):



Note:

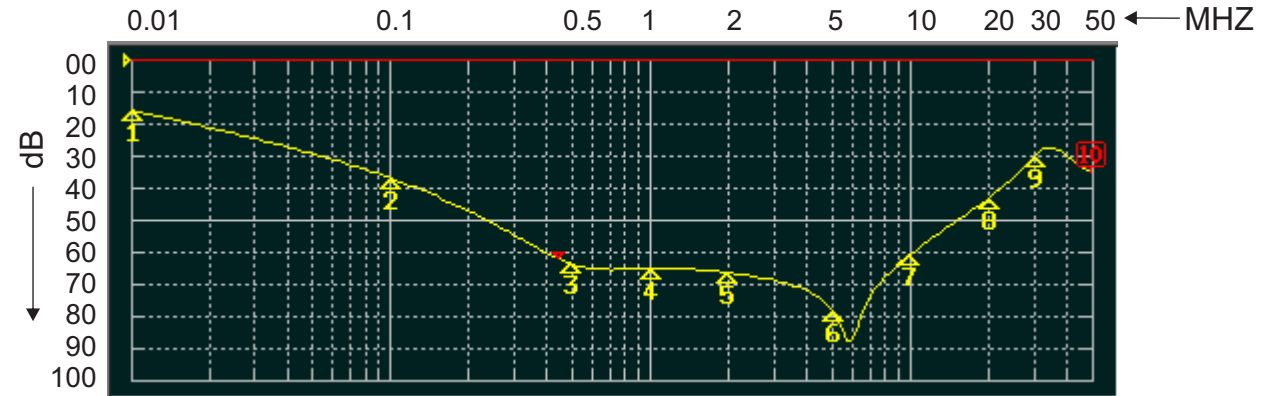
Housing matl. Fe with Ni Plated
Fast-On Terminal (6.3 x 0.8mm)
Connections

TOLERANCE: +/-1.0 mm

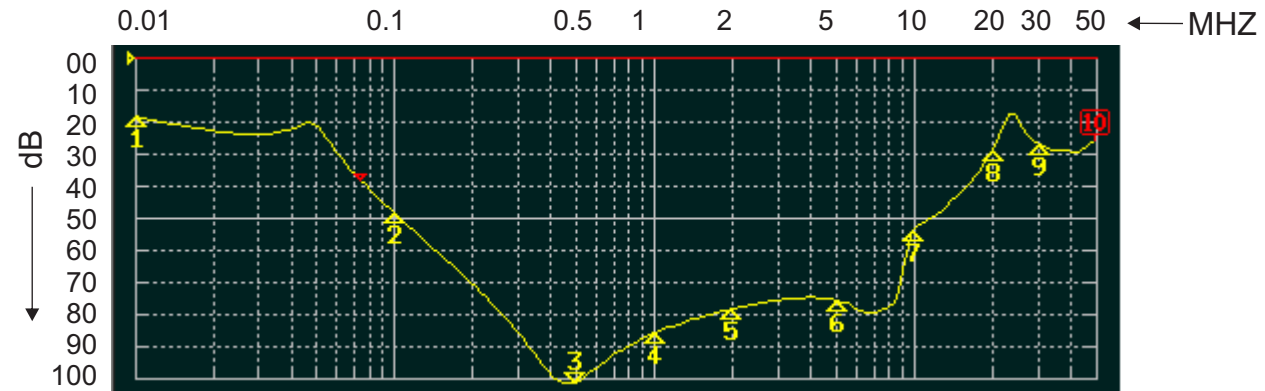


ROXBURGH EMC
FILTER INSERTION LOSS CHARACTERISTICS
CISPR 17 - 50 OHM METHOD

RES30F16



COMMON MODE



DIFFERENTIAL MODE

