



HI-Q SCREENED LOADING COILS SERIES SHQ

This range of 25 high-quality screened load coils has been designed to provide an overlapping inductance range with 2:1 adjustment ratio, thus satisfying a long-felt need in the laboratory. Each coil is supplied complete with removable screening can which has printed circuit grounding pins and drilling template. Up to 6.8 microhenries silver-plated wire. Above 6.8 microhenries, multi-litz enamelled nylon-covered wire.



SPECIFICATION

Formers:

Low-loss polystyrene.

Terminals:

Printed circuit type $\frac{1}{8}$ in. long \times .060 in. dia.

Cans, self-lockings:

6 mm. dia. \times 12.7 mm. long. Fine pitch 0.75 mm. thread. Hexagon hole.

Bases:

High-grade SRBP.

Cans:

Aluminium alloy, deep drawn, $\frac{1}{2}$ in. square \times $\frac{1}{2}$ in. high.

Q values:

100-150 depending on inductance value.

L adjustment:

Of the order of 2:1, providing an overlapping range.

Chassis fittings:

2 \times 68A. Printed circuit pins.

Coil assembly secured within can by OHA plastic screw supplied.

Code	Centre Inductance (microhenries)	Resistance (ohms)	Q Value
SHQ-A/PC	1.0	.054	150
SHQ-B/PC	1.5	.083	150
SHQ-C/PC	2.2	.112	140
SHQ-D/PC	3.3	.230	145
SHQ-E/PC	4.7	.340	140
SHQ-F/PC	6.8	.520	125
SHQ-G/PC	10.0	.800	120
SHQ-H/PC	15.0	1.190	120
SHQ-I/PC	22.0	.800	120
SHQ-K/PC	33.0	1.200	125
SHQ-L/PC	47.0	1.500	125
SHQ-M/PC	68.0	1.900	120
SHQ-N/PC	100.0	2.400	115
SHQ-P/PC	150.0	3.000	100
SHQ-Q/PC	220.0	4.000	110
SHQ-R/PC	330.0	5.400	100
SHQ-S/PC	470.0	7.500	120
SHQ-T/PC	680.0	8.900	120
SHQ-U/PC	1.0mH	10.500	110
SHQ-Y/PC	1.5mH	11.000	130
SHQ-W/PC	2.2mH	15.000	130
SHQ-X/PC	3.3mH	21.000	110
SHQ-Y/PC	4.7mH	26.000	100
SHQ-Z/PC	6.8mH	65.000	70
SHQ-ZZ/PC	10.0mH	85.000	65