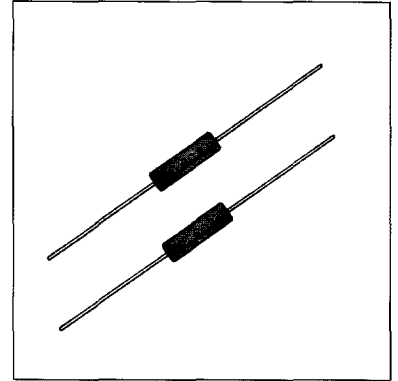


Key features

- values from 0.15 μ H to 1000 μ H
- components insulated or shielded
- 0.33 watts at 70°C
- flame retardant
- versatile size
- fully protected from environment
- E12 value grid
- established reliability



Specification

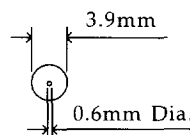
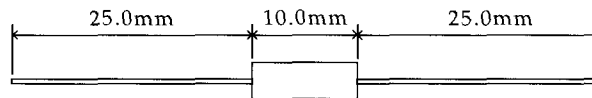
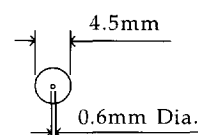
Ratings and Characteristics

Inductance Range:	See Table - E12 Grid (Non-standard values available to special order)
Selection Tolerance:	$\pm 10\%$
Power Rating at 70°C:	0.33W
Isolation Voltage:	700V DC or AC peak
Limits of Inductance Change:	$\pm 5\%$ after 1000 hours endurance
Climatic Category:	55/100/21

Approvals

The type C10/11/12 Series is designed and built to meet BS9751 N0001 Pattern A. This series no longer enjoys BS release but is sold under Meggitt ISO9001 approval.

Dimensions

**C10/11****C12**

type C series

Meggitt electronics quality and reliability are guaranteed in this range of insulated and shielded RF Inductors. The insulated range has a self-extinguishing polyolefin sleeve. Their small size make them ideal for use when space is at a premium. And they are also fully protected from environmental factors.

PCB Inductors

How To Order

Type	Part Number	Suffix	Inductance Value - μ H	Test Freq. MHz	Q Factor Min.	Min. SRF MHz	Max. DC Res. at 20°C	Direct Current at 70° - Max. mA
C10	406/8/27509/	017	0.15	25	50	450	0.065	1538
C10		001	0.18	25	50	425	0.070	1480
C10		002	0.22	25	50	400	0.075	1430
C10		003	0.27	25	50	380	0.085	1340
C10		004	0.33	25	50	360	0.095	1270
C10		005	0.39	25	50	330	0.11	1180
C10		006	0.47	25	50	300	0.12	1130
C10		007	0.56	25	50	280	0.14	1050
C10		008	0.68	25	45	260	0.16	980
C10		009	0.82	25	45	235	0.26	769
C10		010	1.0	25	45	210	0.30	716
C10		011	1.2	7.9	32	190	0.50	554
C10		012	1.5	7.9	32	170	0.60	506
C10		013	1.8	7.9	32	156	0.75	453
C10		014	2.2	7.9	32	140	1.1	374
C10		015	2.7	7.9	32	125	1.4	331
C10		016	3.3	7.9	32	115	1.9	285
C11	406/8/27520/	001	3.9	7.9	45	785	0.25	784
C11		002	4.7	7.9	45	65	0.35	663
C11		003	5.6	7.9	45	60	0.40	620
C11		004	6.8	7.9	45	55	0.55	529
C11		005	8.2	7.9	45	50	0.75	453
C11		006	10	7.9	45	45	0.9	413
C11		007	12	2.5	55	40	1.1	374
C11		008	15	2.5	55	35	1.5	320
C11		009	18	2.5	55	30	2.7	239
C11		010	22	2.5	55	27	3.0	226
C11		011	27	2.5	55	25	4.5	185
C11		012	33	2.5	55	22	5.2	172
C11		013	39	2.5	55	20	7.5	143
C11		014	47	2.5	55	18	9.6	126
C12	406/8/27471/	001	56	2.5	55	11	8.1	138
C12		002	68	2.5	55	10	9.0	131
C12		003	82	2.5	50	8.5	10.0	124
C12		004	100	2.5	50	7.0	11.0	118
C12		005	120	0.79	40	6.5	12.0	113
C12		006	150	0.79	40	5.5	13.0	109
C12		007	180	0.79	45	5.0	15.0	101
C12		008	220	0.79	45	4.2	17.0	95
C12		009	270	0.79	45	3.8	19.5	89
C12		010	330	0.79	45	3.3	22.0	84
C12		011	390	0.79	45	3.1	24.5	79
C12		012	470	0.79	45	2.9	26.5	76
C12		013	560	0.79	45	2.7	30.0	72
C12		014	680	0.79	45	2.5	33.0	68
C12		015	820	0.79	45	2.3	36.5	65
C12		016	1000	0.79	40	2.2	40.0	62

type C series

Electrostatic and electromagnetic screening is provided by the magnetic enclosure. A wide range of values are available and the self extinguishing polyoefin sleeve enhances environmental protection. The C series was originally designed for military applications but now has widespread industrial use.

PCB Inductors

Please Request Full Data
Sheet F0621