

Type PKH (1 ~ 4700) μ H

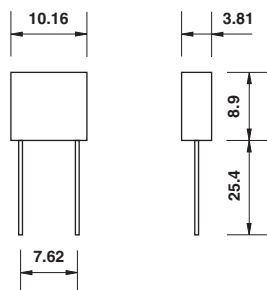
- # Ferrite core
- # High Q
- # High S.R.F.
- # Radial mounting
- # High density packaging

The type PKH flat radial inductors provide very compact high value inductance. The flat coil construction offers twice the Q and inductance values compared with conventional radial lead product. The use of high performance ferrite material results in high Q components from (1 ~ 4700) μ H. Unique lead to winding construction method provides excellent mechanical strength and the product is epoxy coated for maximum protection against humidity and may additionally be sleeved to customer order.

Electrical specification

Case style	PKH radial
Range	(1 ~ 4700) μ H
Tolerance	$\pm 10\%$
Temperature range	(-20 +100) $^{\circ}$ C, based on max. ambient temp. rating at +80 $^{\circ}$ C and max. temp. rise of +20 $^{\circ}$ C during operation
Voltage rating	250V r.m.s. max.
Current rating	Based on max. permissible temp. rise during operation
Lead tensile strength	0.5Kg min.
Lead bending strength	0.5Kg min.
Moisture resistance	μ H $\pm 5\%$ max., Q $\pm 10\%$ max., relative humidity 90% ~ 95%, +40 $^{\circ}$ C, 24 hours

Dimensions(mm)



Lead diam: 24AWG/0.5mm
Pitch: 7.62mm

Standard values

TFC Part No.	μ H $\pm 10\%$	Q min.	Test Freq. MHz	Ω d.c. max.	I d.c. max. Amps
PKH 0910-1R0K	1.0	90	7.96	0.015	7.0
PKH 0910-1R2K	1.2	90	7.96	0.012	6.0
PKH 0910-1R5K	1.5	90	7.96	0.014	5.0
PKH 0910-1R8K	1.8	90	7.96	0.020	4.8
PKH0910-2R2K	2.2	90	7.96	0.025	4.4
PKH 0910-2R5K	2.5	90	7.96	0.030	4.1
PKH 0910-2R7K	2.7	90	7.96	0.028	4.0
PKH0910-3R3K	3.3	90	7.96	0.036	3.7
PKH 0910-3R9K	3.9	90	7.96	0.050	3.4
PKH 0910-4R7K	4.7	90	7.96	0.053	3.2
PKH 0910-5R0K	5.0	90	7.96	0.080	2.9
PKH 0910-5R6K	5.6	90	7.96	0.092	2.8
PKH 0910-6R8K	6.8	90	7.96	0.113	2.6
PKH 0910-7R6K	7.6	95	7.96	0.110	2.5
PKH 0910-8R2K	8.2	90	7.96	0.116	2.2
PKH 0910-100K	10	90	7.96	0.190	2.1
PKH 0910-120K	12	55	2.52	0.140	2.0
PKH 0910-150K	15	51	2.52	0.158	1.6
PKH 0910-180K	18	51	2.52	0.180	1.6
PKH 0910-220K	22	51	2.52	0.230	1.4
PKH 0910-250K	25	70	2.52	0.500	1.3
PKH 0910-270K	27	60	2.52	0.285	1.3
PKH 0910-330K	33	41	2.52	0.346	1.2
PKH 0910-390K	39	41	2.52	0.371	1.1
PKH 0910-470K	47	41	2.52	0.502	1.03
PKH 0910-500K	50	70	2.52	1.100	1.00
PKH 0910-560K	56	41	2.52	0.687	0.95
PKH 0910-680K	68	41	2.52	0.808	0.90
PKH 0910-750K	75	41	2.52	1.200	0.86
PKH 0910-820K	82	29	2.52	1.198	0.86
PKH 0910-101K	100	85	0.796	1.600	0.70
PKH 0910-121K	120	77	0.796	1.725	0.65
PKH 0910-151K	150	77	0.796	1.855	0.60
PKH 0910-181K	180	70	0.796	2.070	0.58
PKH 0910-221K	220	63	0.796	2.105	0.49
PKH 0910-251K	250	53	0.796	2.700	0.49
PKH 0910-271K	270	60	0.796	2.530	0.45
PKH 0910-331K	330	60	0.796	3.335	0.41
PKH 0910-391K	390	55	0.796	3.450	0.39
PKH 0910-471K	470	41	0.796	5.290	0.35
PKH 0910-501K	500	35	0.796	3.300	0.34
PKH 0910-561K	560	31	0.796	5.405	0.32
PKH 0910-681K	680	31	0.796	5.930	0.29
PKH 0910-751K	750	30	0.796	4.200	0.28
PKH 0910-821K	820	30	0.796	6.325	0.27
PKH 0910-102K	1000	80	0.252	8.600	0.21
PKH 0910-122K	1200	80	0.252	10.00	0.21
PKH 0910-152K	1500	72	0.252	14.26	0.19
PKH 0910-182K	1800	72	0.252	15.76	0.17
PKH 0910-222K	2200	72	0.252	17.70	0.15
PKH 0910-252K	2500	63	0.252	18.00	0.14
PKH 0910-272K	2700	63	0.252	19.10	0.14
PKH 0910-332K	3300	63	0.252	21.74	0.13
PKH 0910-392K	3900	63	0.252	26.00	0.12
PKH 0910-472K	4700	50	0.252	28.90	0.11