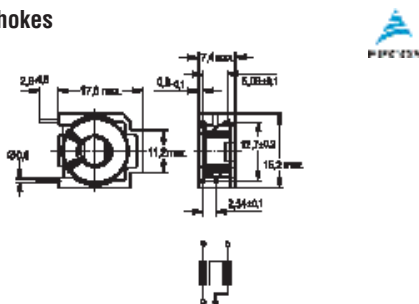


Order Multiple=5		Price Each				
Inductance $\mu$ H	Order Code	5+	50+	100+	500+	1000+
<b>Differential Mode</b>						
5.6	312-8714					
20	312-8726					
30	312-4873					
<b>Common Mode</b>						
40	535-928					
80	535-941					

## Signal and Dataline Chokes



- Current compensated double and Quad ring core chokes
- Plastic case flame retardant to **UL94V-0**
- Horizontal and vertical mounting styles

Voltage rating	80Vdc/42Vac		IEC Climatic Category			40/125/56	
	$L_N$ (mH)	$I_N$ (A)	$R_{typ}$ ( $\Omega$ )	Dimensions (H, W, D)			Order Code
<b>Double Horizontal</b>							
B82791-G15-A16	4.7	0.1	0.9	8	17.7	17.7	520-949
B82791-G15-A14	38	0.1	3.3				525-273
<b>Double Vertical</b>							
B82791-H15-A16	4.7	0.1	0.9	17.6	15.2	7.4	520-950
B82791-H15-A25	10	0.1	1.3				520-937
<b>Quad Horizontal</b>							
B82791-G15-A16	4.7	0.1	0.90	8	17.7	17.7	520-962

Mfrs. List No.	Order Code	Price Each				
		1+	10+	25+	50+	100+
<b>Double Horizontal</b>						
B82791-G15-A16	520-949					
B82791-G15-A14	525-273					
<b>Double Vertical</b>						
B82791-H15-A16	520-950					
B82791-H15-A25	520-937					
<b>Quad Horizontal</b>						
B82791-G14-A16	520-962					

## Miniature, Low Current – 2200R Series



H = 11, Dia. = 7.2, Fixing pitch = 3.5  
Lead length = 35, Lead dia. = 0.6

- Low cost, small out-line inductors suitable for general use, such as power decoupling, low power switching regulators and LF tuned circuits
- Open wound ferrite bobbin construction, insulated with flame retardant sleeving.

L	Rdc	I <sub>max</sub>	Mfrs. List No.	Order Code	L	Rdc	I <sub>max</sub>	Mfrs. List No.	Order Code
mH	$\Omega$	mA			mH	$\Omega$	mA		
0.01	0.2	1500	22R103	482-481	1.00	4.00	210	22R105	432-143
0.015	0.22	1100	22R153	482-493	1.5	5.00	180	22R155	432-155
0.022	0.28	1000	22R223	482-500	2.2	6.25	140	22R225	432-167
0.033	0.30	920	22R333	482-511	3.3	9.00	110	22R335	432-179
0.047	0.39	900	22R473	482-523	4.7	12	90	22R475	432-180
0.068	0.47	880	22R683	482-535	10	30	70	22R106	432-209
0.1	0.6	680	22R104	432-088	15	45	60	22R156	432-222
0.15	0.8	580	22R154	432-090	22	75	50	22R226	432-234
0.22	0.95	500	22R224	432-106	33	95	40	22R336	432-258
0.33	1.25	430	22R334	432-118	47	115	30	22R476	432-283
0.47	1.50	330	22R474	432-120	68	220	20	22R686	432-301
0.68	1.75	300	22R684	432-131					

Order Multiple=10		Price Each				
Inductance	Order Code	10+	100+	500+	1K+	5K+
10 $\mu$ H to 68mH	All Values					

## Low Current – 10RB Series



Dia = 10.5, H = 14, Lead = 4  
Lead Dia. = 0.7, Fixing pitch = 5  
Q > 100 @ 50kHz



Inductance (mH)	Resistance ( $\Omega$ )	I <sub>max</sub> (mA)	Inductance (mH)	Resistance ( $\Omega$ )	I <sub>max</sub> (mA)
39	45	15	82	71	10
47	52	13	100	82	9
56	58	12	120	97	8
68	67	11			

FIL174

Inductance (mH)	Order Code	1+	25+	100+	250+	500+
39	148-875					
47	148-876					
56	148-877					
68	148-878					
82	148-879					
100	148-880					
120	148-881					

## Low Current – 8RBS/8RB Series



- A range of fixed inductors suitable for power decoupling in logic circuits and a variety of LF tuned circuit applications
- Construction employs an open wound ferrite bobbin insulated by a heatshrunk sleeve
- Tolerance is  $\pm 10\%$ .

Dia = 8, H = 6.2 (0.1mH to 12mH),  
11.2 (22mH to 36mH)  
Lead L = 2.4, Dia. = 0.7, Fixing pitch = 5

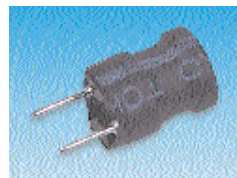


Q > 60 (@ 796kHz)			Q > 80 (@ 252kHz)			Q > 100 (10-12mH) @ 79.6kHz		
Inductance (mH)	Resistance ( $\Omega$ )	I <sub>max</sub> (mA)	Inductance (mH)	Resistance ( $\Omega$ )	I <sub>max</sub> (mA)	Inductance (mH)	Resistance ( $\Omega$ )	I <sub>max</sub> (mA)
0.10	2	200	1.0	9	50	10	55	20
0.22	3	150	2.2	14	50	12	65	20
0.47	5	100	4.7	32	40	22	80	30
			5.6	36	30	27	80	30
						36	80	30

FIL172

Inductance (mH)	Order Code	1+	25+	100+	250+	500+
0.10	148-136					
0.22	148-138					
0.47	148-140					
1.0	148-143					
2.2	148-145					
4.7	148-147					
5.6	148-148					
10	148-150					
12	148-151					
22	148-154					
27	148-155					
36	148-874					

## 8RHB Series



- Fixed inductor for noise filtering applications in power supplies used in computers, TV etc
- Low profile and high saturation flux density ferrite core insulated with a heatshrunk sleeve.

Dia = 8.5, H = 11  
Lead L = 5, Dia = 0.62, Fixing pitch = 5



Inductance ( $\mu$ H)	Resistance ( $\Omega$ )	I <sub>max</sub> (A)	Q min	Q Test freq (kHz)	Order Code
47	0.16	1.4	30	2.52	598-197
100	0.28	0.91	20	0.796	598-203
220	0.68	0.64	20	0.796	598-215
470	1.1	0.46	20	0.796	598-227
1000	2.9	0.29	50	0.796	598-239

FIL173

Inductance ( $\mu$ H)	Order Code	1+	25+	100+	250+	500+
47	598-197					
100	598-203					
220	598-215					
470	598-227					
1000	598-239					

Continued