

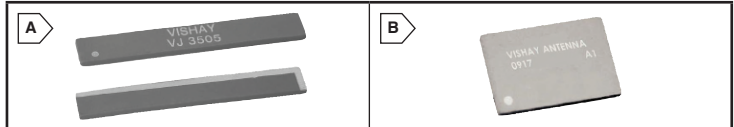
Antennas, Filters and Diplexers

RoHS Compliant This product is RoHS compliant.

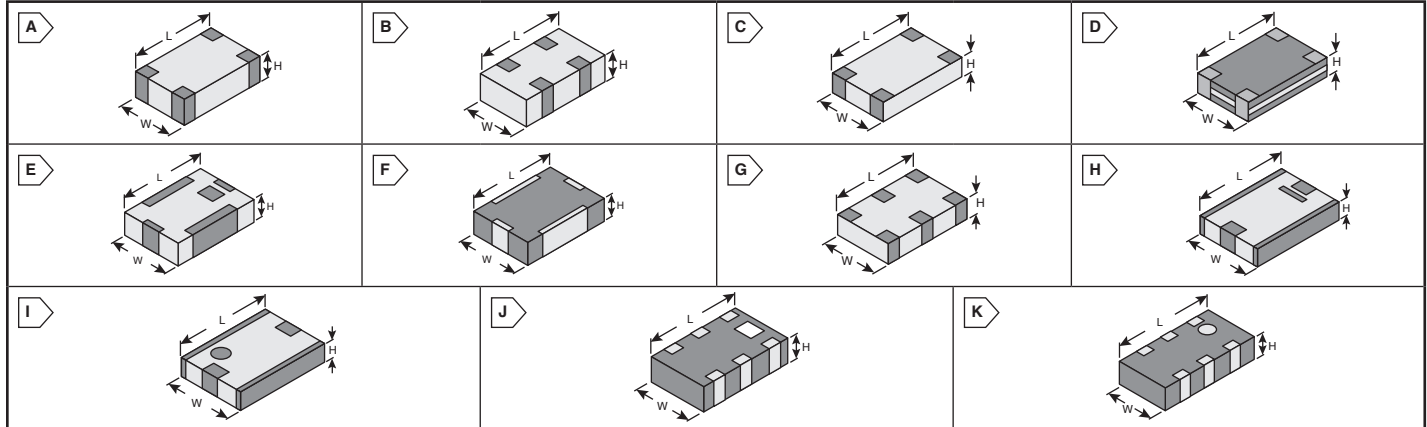
VISHAY VJ SERIES MULTILAYER CHIP ANTENNAS

- Features:**
- Operating temperature range: -40°C to + 85°C

PRODUCT **NEW**



MOUSER STOCK NO.	Vishay Part No.	Fig.	Frequency Range (MHz)	Dimensions: mm			Price Each			Reel Qty.	Price Per Piece
				L	W	H	1	100	500		
77-VJ5301M915MXBSR	VJ5601M868MXBSR	A	800 to 940	35	5	1.2	4.32	3.48	2.88	1000	1.62
77-VJ5301M868MXBSR	VJ5301M868MXBSR	A	820 to 920	35	5	1.2	4.32	3.48	2.88	1000	1.62
77-VJ5601M915MXBSR	VJ5601M915MXBSR	A	835 to 995	15.5	10.5	1.2	4.06	2.97	2.47	1000	1.38
77-VJ5301M915MXBSR	VJ5301M915MXBSR	A	835 to 995	15.5	10.5	1.2	4.32	3.48	2.88	1000	1.62
77-VJ3505M011SXMSRA0	VJ3505M011SXMSRA0	A	470 to 860	35	5	1.2	7.75	6.25	4.97	1000	3.18
77-VJ6040M011SXISRA0	VJ6040M011SXISRA0	B	470 to 860	10.5	15.5	1.2	6.27	5.22	4.37	1000	2.47



Signal Conditioning

WALSLEY COMMON MODE FILTERS USB 2.0/1394

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions: mm			Common Mode Attenuation	Differential Mode Insertion Loss (dB)	DC Resistance (Ω)	Rate Current (mA)	Characteristic Impedance (Ω)	Price Each			
Mfr.	Mfr. Part No.		L	W	H						1	50	100	500
791	RFCMF1632140M2T	A	1.60±0.20	3.20 ±0.20	1.40±0.20	9.0 dB@140MHz~1GHz	0.8 @240MHz	2.5	300	90	1.18	.786	.542	.374
791	RFCMF1220100M3T	B	1.20±0.20	2.00±0.20	1.00±0.20	9.0 dB@240MHz~1GHz	0.6 @240MHz	1.5	300	90	.69	.463	.319	.22
791	RFCMF1220100M4T	B	1.20±0.20	2.00±0.20	1.00±0.20	9.0 dB@240MHz~1GHz	1.0 @240MHz	2.5	200	90	.69	.463	.319	.22
791	RGCMF1220080M5T	C	1.20±0.20	2.00±0.20	1.00±0.20	120Ω±20% @ 100HMz	-----	1.5	200	90	.42	.277	.191	.132
791	RFCMF1210080M1T	D	1.20±0.20	2.00±0.20	1.00±0.20	75Ω±20% @ 100HMz	-----	0.85	100	90	.62	.416	.287	.198
791	RFCMF1210080M2T	D	1.20±0.20	2.00±0.20	1.00±0.20	100Ω±20% @ 100HMz	-----	1	100	90	1.07	.716	.494	.341

WALSLEY BAND PASS FILTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions: mm			Frequency Range	Insertion Loss (dB) (Max)	Attenuation (dB) (Min)	VSWR (Max)	Imped. (Ω)	Price Each			
Mfr.	Mfr. Part No.		L	W	H						1	50	100	500
2.4GHz ISM Band														
791	RFBPF1608070A0T	E	1.60±0.15	0.80±0.15	0.70±0.10	2450 ± 50MHz	2.5	30 @960MHz, 25 @1910MHz, 20 @1990MHz, 30 @4800MHz, 25 @7200MHz	2.0	50	1.04	.695	.479	.33
791	RFBPF2012090A1T	F	2.00±0.15	1.25±0.15	0.90±0.10	2450 ± 50MHz	1.7	30 @900MHz, 20 @1850MHz, 30 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2012080A5T	G	2.00±0.15	1.25±0.15	0.90±0.10	2450 ± 50MHz	3.0	40 @880-960MHz, 40 @1710-1990MHz, 20 @2110-2170MHz, 40 @4800-5000MHz, 30 @7200-7500MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A1T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.7	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 40 @4800MHz, 25 @7200MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A2T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	2.1	30 @900MHz, 30 @1850MHz, 30 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A3T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.2	30 @900MHz, 30 @1850MHz, 25 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A4T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.7	30 @900MHz, 30 @1850MHz, 25 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520100A6T	I	2.50±0.20	2.00±0.20	1.00±0.10	2450 ± 50MHz	1.4	35 @1900MHz, 35 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF3225150A4T	H	3.20±0.20	2.50±0.20	1.50±0.10	2450 ± 50MHz	2.0	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 30 @4800MHz	2.0	50	1.74	1.16	.798	.55
791	RFBPF3225150A5T	H	3.20±0.20	2.50±0.20	1.50±0.10	2450 ± 50MHz	1.8	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 30 @4800MHz	2.0	50	1.74	1.16	.798	.55
5.2/5.8GHz ISM Dualband														
791	RFBPF2012100K0T	F	2.00±0.15	1.25±0.15	0.95±0.10	5400 ± 500MHz	-1.7@4.90GHz -1.5@5.25GHz -1.5@5.85GHz	-30 @3450MHz, -20 @11000MHz	2.0	50	1.39	.925	.638	.44

WALSLEY DIPLEXERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions: mm			Central Frequency		Insertion Loss (dB)		Return Loss (dB) (min)	Attenuation (dB)		Price Each			
Mfr.	Mfr. Part No.		L	W	H	Band 1	Band 2	Band 1	Band 2		Band 1	Band 2	1	50	100	500
791	RFDIP2012100L0T	J	2.00±0.15	1.25±0.15	0.95±0.10	2450±50MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -25 @5.2GHz -25 @5.8GHz	-25 @2.45GHz -25 @2.45GHz -25 @2.45GHz	1.88	1.25	.861	.594
791	RFDIP2012100L3T	K	2.00±0.15	1.25±0.15	0.95±0.10	2450±50MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -25 @5.2GHz -25 @5.8GHz	-25 @2.45GHz -25 @2.45GHz -25 @2.45GHz	1.88	1.25	.861	.594