

DLPONS Series



DLPONS series enables noise suppression for differential signal line without distortion in high-speed signal transmission due to its line impedance matching.

Applications:

- Note PCs
- Mobile phones
- Digital Still Cameras, Digital Video Cameras

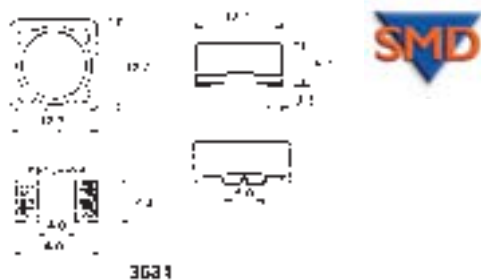


Impedance Ω	Tolerance %	Resistance Ω	Current A	Order Code
67	25	100	110	111-4998
90	25	100	100	111-4999
120	25	100	90	111-5000

423262

Order Code	Price Each				
	5+	50+	100+	250+	+
All Values ●	24.00	20.00	15.00	15.00	--

3631/3632 Series - Shielded Signal Line Chokes



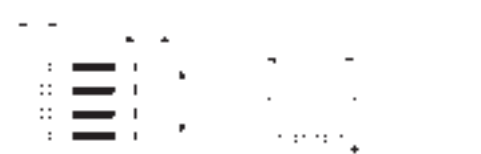
- High power, ferrite cored surface mount inductors
- Fully shielded moulded construction
- Suitable for switching regulators, filter and power line applications and power decoupling

Operating temperature	-20°C to +80°C					
Inductance (μH)	Tolerance %	L Test Frequency	DC resistance Max. (Ω)	DC Current Max. (A)	Mfrs. List No.	Order Code
2.5	20	1kHz	0.016	6.2	3631B2R5ML	117-4023
10	20	1kHz	0.035	3.3	3631B100ML	117-4025
22	20	1kHz	0.062	2.3	3631B220ML	117-4026
33	15	1kHz	0.09	1.9	3631B330LL	117-4027
47	15	1kHz	0.13	1.6	3631B470LL	117-4028
100	15	1kHz	0.22	1.1	3631B101LL	117-4029
220	15	1kHz	0.46	0.7	3631B221K	117-4030
330	15	1kHz	0.66	0.6	3631B331K	117-4031
470	15	1kHz	0.97	0.5	3631B471K	117-4032
820	15	1kHz	1.7	0.35	3631B821K	117-4035
1000	15	0.252MHz	2.5	0.3	3632B102LL	117-4036
2200	15	0.252MHz	5	0.2	3632B222LL	117-4037
10000	15	79.6MHz	26	0.095	3632B103LL	117-4038

204188

Order Code	Price Each			
	1+	25+	100+	500+
3631 Series All Values ●	143.00	117.00	103.00	78.00
3632 Series All Values ●	171.00	146.00	122.00	98.00

Data and Signal Line Chokes



- Ring core double and Quad chokes in a UL94V-0 flame retardant case
- Applications include CAN-BUS and telecom systems

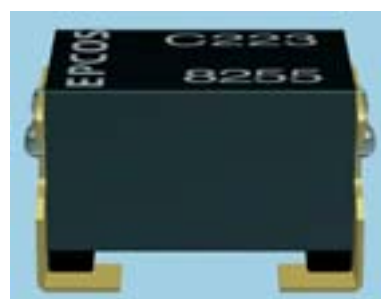


Voltage rating		80Vdc/42Vac			
IEC climatic category		40/125/56			
L _N (mH)	I _N (A)	L _S (μh)	Application	Mfrs. List No.	Order Code
Double Chokes					
0.011	0.5	0.05	4 CAN-Bus	B82790C113N201	975-2234
0.025	0.5	1.5	4 CAN-Bus	B82790S253N201	975-2242
0.051	0.5	1.5	4 CAN-Bus	B82790S513N201	975-2250
0.47	0.5	0.2	4 Telecom	B82790C474N215	975-2269
1	0.5	0.2	4 Telecom	B82790C105N240	975-2277
4.7	0.5	0.25	4 Telecom	B82790C475N265	975-2285
4.7	0.2	0.25	8 Telecom	B82792C475N365	524-657
6.8	0.5	0.3	8 Telecom	B82792C685N365	524-839
10	0.2	0.4	8 Telecom	B82792C106N365	524-840
Quad Chokes					
0.47	0.5	0.15	8 ISDN	B82792C2474N315	524-852
1	0.5	0.2	8 ISDN	B82792C2105N365	524-876
4.7	0.2	0.3	8 ISDN	B82792C2475N365	524-943

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Order Multiple=5 Mfrs. List No.	Price Each					
	1+	25+	50+	100+	+	
Double chokes						
B82790C113N201	● SMD 975-2234	142.00	130.00	113.00	96.00	--
B82790S253N201	● SMD 975-2242	154.00	141.00	122.00	104.00	--
B82790S513N201	● SMD 975-2250	135.00	119.00	103.00	88.00	--
B82790C474N215	● SMD 975-2269	160.00	147.00	127.00	108.00	--
B82790C105N240	● SMD 975-2277	167.00	154.00	133.00	113.00	--
B82790C475N265	● SMD 975-2285	202.00	184.00	159.00	136.00	--
B82792C475N365	● SMD 524-657	175.00	154.00	133.00	113.00	--
B82792C685N365	● SMD 524-839	191.00	168.00	145.00	124.00	--
B82792C106N365	● SMD 524-840	211.00	186.00	160.00	137.00	--
Quad chokes						
B82792C2474N315	● SMD 524-852	240.00	211.00	182.00	156.00	--
B82792C2105N365	● SMD 524-876	250.00	220.00	190.00	162.00	--
B82792C2475N365	● SMD 524-943	384.00	338.00	292.00	250.00	--

Data Line Choke B82789 Series



- Current compensated double choke with ferrite core
- Suitable for automatic placement
- Suitable for reflow soldering
- Suppression of asymmetrical interface coupled in on lines, whereas data signals up to several MHz can pass unaffected
- Tinned terminals



Rated Voltage	42V (50/60 Hz), 80V DC				
Rated Current	Referred to 50Hz and 85°C ambient temperature				
Rated Inductance	Measured with HP4275A at 100kHz, 0.1A				
Inductance Tolerance	-30%/+50%				
Stray Inductance	typical value measured with HP4275A at 100kHz, 5mA				
DC resistance	ypical value measured at 20°C ambient temperature				
Operating Temperature	-40°C to +125°C				
Test Voltage	250V-, 2s				

Inductance (μH)	Leakage Inductance (nH)	Current (mA)	RMS Test Voltage (V-, 2s)	Resistance max (mΩ)	Mfrs. List No.	Order Code
11	60	300	250	200	B82789C113N2	743-0507
22	100	250	250	500	B82789C223N2	743-0515
22	3000	250	250	550	B82789S223N2	743-0523
51	100	250	250	450	B82789C513N2	743-0531
100	250	150	250	1000	B82789C104N2	743-0540

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Order Multiple=5 Order Code	Price Each			
	5+	25+	50+	100+
All Values ●	101.00	92.00	84.00	75.00

EMC, Filters & Suppression

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Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available