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Type 3198 105 °C Aluminum Electrolytic, Screw Terminal

Very Long Life, Low ESR



Type 3198 has very long life and low ESR. Applications include industrial, power supplies and audio.

Specifications

Temperature Range	-40 °C to +105 °C
Rated Voltage Range	6.3 Vdc to 75 Vdc
Capacitance Range	220 uF to 1.0 F
Endurance	3000 h / 105 °C
Regulatory Information	

Case Dimensions, Uninsulated Bare Can

Case Code	Diam. (D)		Length (L)		Terminal Space(P)		Vent Plug (A)		Typical Weight		Optional Bracket Part No.
	±0.031 (in)	±0.8 (mm)	±0.062 (in)	±1.6 (mm)	±0.014 (in)	±0.4 (mm)	(in)	(mm)	(oz)	(g)	
BA	1.375	34.9	2.125	54.0	0.5	12.7	0.39	8.0	2.5	72	115058-06
BB	1.375	34.9	2.625	66.7	0.5	12.7	0.39	8.0	3.2	90	115058-06
BC	1.375	34.9	3.125	79.4	0.5	12.7	0.39	8.0	3.7	105	115058-06
BD	1.375	34.9	3.625	92.1	0.5	12.7	0.39	8.0	4.2	120	115058-06
BE	1.375	34.9	4.125	104.8	0.5	12.7	0.39	8.0	4.7	135	115058-06
BF	1.375	34.9	4.625	117.5	0.5	12.7	0.39	8.0	6.0	170	115058-06
BG	1.375	34.9	5.125	130.2	0.5	12.7	0.39	8.0	7.7	220	115058-06
BH	1.375	34.9	5.625	142.9	0.5	12.7	0.39	8.0	9.5	270	115058-06
DA	1.750	44.5	2.125	54.0	0.75	19.1	0.453	11.5	5.6	160	115058-15
DB	1.750	44.5	2.625	66.7	0.75	19.1	0.453	11.5	6.1	175	115058-15
DC	1.750	44.5	3.125	79.4	0.75	19.1	0.453	11.5	6.3	180	115058-15
DD	1.750	44.5	3.625	92.1	0.75	19.1	0.453	11.5	7.2	205	115058-15
DE	1.750	44.5	4.125	104.8	0.75	19.1	0.453	11.5	7.7	220	115058-15
DF	1.750	44.5	4.625	117.5	0.75	19.1	0.453	11.5	8.2	235	115058-15
DG	1.750	44.5	5.125	130.2	0.75	19.1	0.453	11.5	8.8	250	115058-15
DH	1.750	44.5	5.625	142.9	0.75	19.1	0.453	11.5	9.5	270	115058-15
EA	2.000	50.8	2.125	54.0	0.875	22.2	0.5	12.7	6.0	170	115058-09
EB	2.000	50.8	2.625	66.7	0.875	22.2	0.5	12.7	6.3	180	115058-09
EC	2.000	50.8	3.125	79.4	0.875	22.2	0.5	12.7	6.7	190	115058-09
ED	2.000	50.8	3.625	92.1	0.875	22.2	0.5	12.7	7.7	220	115058-09
EE	2.000	50.8	4.125	104.8	0.875	22.2	0.5	12.7	8.9	255	115058-09
EF	2.000	50.8	4.625	117.5	0.875	22.2	0.5	12.7	10.2	290	115058-09
EG	2.000	50.8	5.125	130.2	0.875	22.2	0.5	12.7	11.2	320	115058-09
EH	2.000	50.8	5.625	142.9	0.875	22.2	0.5	12.7	12.3	350	115058-09
FB	2.500	63.5	2.625	66.7	1.125	28.6	0.625	15.9	10.5	300	115058-14
FC	2.500	63.5	3.125	79.4	1.125	28.6	0.625	15.9	13.0	370	115058-14
FD	2.500	63.5	3.625	92.1	1.125	28.6	0.625	15.9	14.0	400	115058-14
FE	2.500	63.5	4.125	104.8	1.125	28.6	0.625	15.9	15.6	445	115058-14
FF	2.500	63.5	4.625	117.5	1.125	28.6	0.625	15.9	21.0	600	115058-14
FG	2.500	63.5	5.125	130.2	1.125	28.6	0.625	15.9	22.8	650	115058-14
FH	2.500	63.5	5.625	142.9	1.125	28.6	0.625	15.9	21.0	600	115058-14
GC	3.000	76.2	3.125	79.4	1.25	31.8	0.75	19.0	18.2	520	115058-11
GD	3.000	76.2	3.625	92.1	1.25	31.8	0.75	19.0	20.0	570	115058-11
GE	3.000	76.2	4.125	104.8	1.25	31.8	0.75	19.0	21.0	600	115058-11
GF	3.000	76.2	4.625	117.5	1.25	31.8	0.75	19.0	25.2	720	115058-11
GG	3.000	76.2	5.125	130.2	1.25	31.8	0.75	19.0	29.8	850	115058-11
GH	3.000	76.2	5.625	142.9	1.25	31.8	0.75	19.0	34.0	970	115058-11
GJ	3.000	76.2	5.875	149.2	1.25	31.8	0.75	19.0	36.8	1050	115058-11
GN	3.000	76.2	8.625	219.1	1.25	31.8	0.75	19.0	51.1	1460	115058-11

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Tolerance	-10% to +50%; -10% to +30%; ±20%											
Case codes	REPRESENTATIVE CAPACITANCE RATINGS BY CASE SIZE AT RATED WORKING VOLTAGE (µF)											
Case size (mm)	6.5 VDC	10 VDC	15 VDC	16 VDC	20 VDC	25 VDC	35 VDC	40 VDC	50 VDC	60 VDC	63 VDC	75 VDC
BA (1.375X2.125)	33000	27000	22000	22000	18000	12000	10000	8200	6800	4700	3300	2700
BB (1.575X2.625)	33000	33000	27000	22000	22000	15000	12000	10000	8200	5000	4700	3300
BC (1.575X3.125)	50000	47000	37000	35000	27000	22000	15000	12000	10000	6000	6000	4700
BD (1.75X3.525)	60000	50000	47000	47000	39000	27000	18000	15000	12000	8200	6700	5000
BE (1.375X4.125)	87000	68000	50000	50000	47000	33000	22000	18000	15000	10000	10000	6800
BF (1.375X4.625)							27000		18000	12000	12000	6700
BG (1.375X5.125)	100000	82000	60000	60000	50000	30000		12000				
BH (1.375X5.625)		100000				67000	87000	27000	22000	15000	15000	10000
DA (1.75X3.125)	50000	50000	37000	35000	33000	27000	18000	15000	12000	8200	6000	5000
DB (1.75X3.525)	60000	60000	47000	47000	39000		22000	18000	15000	10000	8200	6000
DC (1.75X3.125)	100000	82000	60000		50000	39000	27000	22000	18000	12000	12000	8200
DD (1.75X3.525)	120000	100000	87000	82000	68000	47000	39000	27000	22000	15000	15000	10000
DE (1.75X4.125)	150000	120000	100000	100000	82000	50000	47000	33000	27000	18000	18000	12000
DF (1.75X4.625)		150000	120000			80000		39000	33000	22000		15000
DG (1.75X5.125)	160000			120000	100000	82000	50000	47000	39000			27000
DH (1.75X5.625)	220000	180000	150000	150000	120000		80000			27000	27000	18000
EA (2.00X2.125)	42000	68000	50000	50000	39000	33000	22000	18000	15000	10000	10000	6800
EB (2.00X2.625)	100000	82000	60000	60000	50000	39000	27000	22000	18000	12000	12000	8200
EC (2.00X3.125)	120000	120000	87000	82000	68000	50000	39000	27000	22000	16000	15000	10000
ED (2.00X3.525)	150000	150000	100000	100000	80000	60000	47000	39000	33000	22000	18000	15000
EE (2.00X4.125)	180000	160000	120000	120000	100000	82000	50000	47000	39000	27000	22000	15000
EF (2.00X4.625)	220000		150000	150000	120000		80000		47000		27000	
EG (2.00X5.125)	240000	270000	180000	180000		100000	87000	60000		33000	33000	22000
EH (2.00X5.625)		270000			150000	120000		60000	50000	39000		27000
FA (2.50X2.625)	150000	120000	100000	100000	82000	60000	47000	39000	27000	18000	18000	12000
FB (2.50X3.125)	220000	180000	150000	150000	120000	82000	60000	47000	39000	27000	22000	15000
FD (2.50X3.525)	270000	220000	180000	180000	150000	100000	82000	60000	47000	33000	27000	22000
FE (2.50X4.125)	330000	270000	220000	220000	180000	120000	100000	60000	50000	39000	33000	27000
FF (2.50X4.625)	390000	330000	270000			150000	120000	82000	60000	47000	39000	33000
FG (2.50X5.125)		390000		270000	220000	180000		100000		50000	47000	
FH (2.50X5.625)	470000		330000	330000	270000		150000		60000			39000
GC (2.80X3.125)	330000	270000	220000	220000	180000	120000	100000	60000	50000	39000	33000	27000
GD (2.80X3.525)	390000	330000	270000	270000	220000	150000	120000	82000	60000	47000	39000	33000
GE (3.00X4.125)	470000	390000	330000	330000	270000	180000	150000	100000	82000	60000	47000	39000
GF (3.00X4.625)	500000	470000	350000			220000		120000	100000	60000	50000	47000
GG (3.00X5.125)	600000	500000		390000	330000	270000	180000	150000	120000	82000	60000	
GH (3.00X5.625)			470000	470000	390000		220000					50000
GN (3.00X6.625)	1200000	1000000	800000	800000	680000	470000	330000	270000	220000	150000	180000	100000

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