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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
RoHS Compliant	

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 (")	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
8A (1.375X2.125)	33000	27000	22000	22000	18000	12000	10000	8200	6800	4700	3300	2700
8B (1.375X2.625)	39000	33000	27000	27000	22000	15000	12000	10000	8200	5600	4700	3900
8C (1.375X3.125)	56000	47000	39000	39000	27000	22000	15000	12000	10000	6800	6800	4700
8D (1.375X3.625)	68000	56000	47000	47000	39000	27000	18000	15000	12000	8200	8200	5600
8E (1.375X4.125)	82000	68000	56000	56000	47000	33000	22000	18000	15000	10000	10000	6800
8F (1.375X4.625)							27000		18000	12000	12000	8200
8G (1.375X5.125)	100000	82000	68000	68000	56000	39000		22000				
8H (1.375X5.625)		100000				47000	33000	27000	22000	15000	15000	10000
8A (1.750X2.125)	56000	56000	39000	39000	33000	27000	18000	15000	12000	8200	6800	5600
8B (1.750X2.625)	68000	68000	47000	47000	39000		22000	18000	15000	10000	8200	6800
8C (1.750X3.125)	100000	82000	68000		56000	39000	27000	22000	18000	12000	12000	8200
8D (1.750X3.625)	120000	100000	82000	82000	68000	47000	39000	27000	22000	15000	15000	10000
8E (1.750X4.125)	150000	120000	100000	100000	82000	56000	47000	33000	27000	18000	18000	12000
8F (1.750X4.625)		150000	120000			68000		39000	33000	22000		15000
8G (1.750X5.125)	180000			120000	100000	82000	56000	47000	39000		22000	
8H (1.750X5.625)	220000	180000	150000	150000	120000		68000			27000	27000	18000
EA (2.000X2.125)	82000	68000	56000	56000	39000	33000	22000	18000	15000	10000	10000	6800
EB (2.000X2.625)	100000	82000	68000	68000	56000	39000	27000	22000	18000	12000	12000	8200
EC (2.000X3.125)	120000	120000	82000	82000	68000	56000	39000	27000	27000	18000	15000	12000
ED (2.000X3.625)	150000	150000	100000	100000	82000	68000	47000	39000	33000	22000	18000	15000
EE (2.000X4.125)	180000	180000	120000	120000	100000	82000	56000	47000	39000	27000	22000	18000
EF (2.000X4.625)	220000		150000	150000	120000		68000		47000		27000	
EG (2.000X5.125)	270000	220000	180000	180000		100000	82000	56000		33000	33000	22000
EH (2.000X5.625)		270000			150000	120000		68000	56000	39000		27000
FB (2.500X2.625)	150000	120000	100000	100000	82000	68000	47000	39000	27000	18000	18000	12000
FC (2.500X3.125)	220000	180000	150000	150000	120000	82000	68000	47000	39000	27000	22000	18000
FD (2.500X3.625)	270000	220000	180000	180000	150000	100000	82000	56000	47000	33000	27000	22000
FE (2.500X4.125)	330000	270000	220000	220000	180000	120000	100000	68000	56000	39000	33000	27000
FF (2.500X4.625)	390000	330000	270000			150000	120000	82000	68000	47000	39000	33000
FG (2.500X5.125)		390000		270000	220000	180000		100000		56000	47000	
FH (2.500X5.625)	470000		330000	330000	270000		150000		82000			39000
GC (3.000X3.125)	330000	270000	220000	270000	180000	120000	100000	68000	56000	39000	33000	27000
GD (3.000X3.525)	390000	330000	270000	270000	220000	150000	120000	82000	68000	47000	39000	33000
GE (3.000X4.125)	470000	390000	330000	330000	270000	180000	150000	100000	82000	56000	47000	39000
GF (3.000X4.625)	560000	470000	390000			220000		120000	100000	68000	56000	47000
GG (3.000X5.125)	680000	560000		390000	330000	270000	180000	150000	120000	82000	68000	
GH (3.000X5.625)			470000	470000	390000		220000					56000
GN (3.000X6.25)	1200000	1000000	820000	680000	680000	470000	330000	270000	220000	150000	120000	100000

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