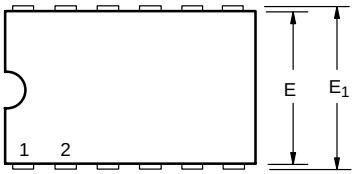
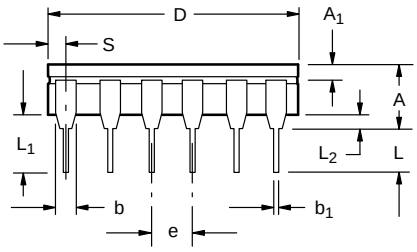
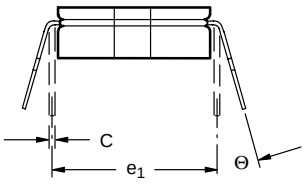
CERAMIC DIP: 8, 14, AND 16 LEADS

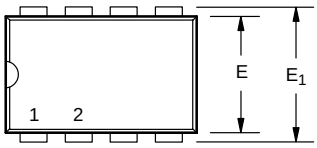


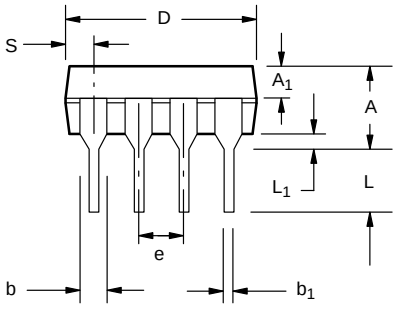


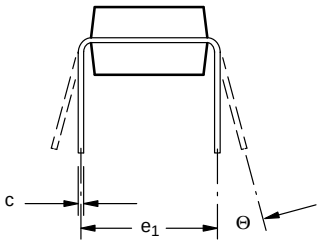


DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	4.06	5.08	0.160	0.200
A_1	1.27	2.16	0.050	0.085
b	1.14	1.65	0.045	0.020
b_1	0.38	0.51	0.015	0.020
C	0.20	0.30	0.008	0.012
D–8	9.40	10.16	0.370	0.400
D–14	19.05	19.56	0.750	0.770
D–16	19.05	19.56	0.750	0.770
E	6.60	7.62	0.260	0.300
E_1	7.62	8.26	0.260	0.325
e	2.54 BSC		0.100 BSC	
e_1	7.62 BSC		0.300 BSC	
L	3.18	3.81	0.125	0.150
L_1	3.81	5.08	0.150	0.200
L_2	0.51	1.14	0.020	0.045
S–8	0.64	1.52	0.025	0.060
S–14	1.65	2.41	0.065	0.095
S–16	0.38	1.14	0.015	0.045
Θ	0°	15°	0°	15°

PLASTIC DIP: 8, 14, 16, AND-20 LEADS

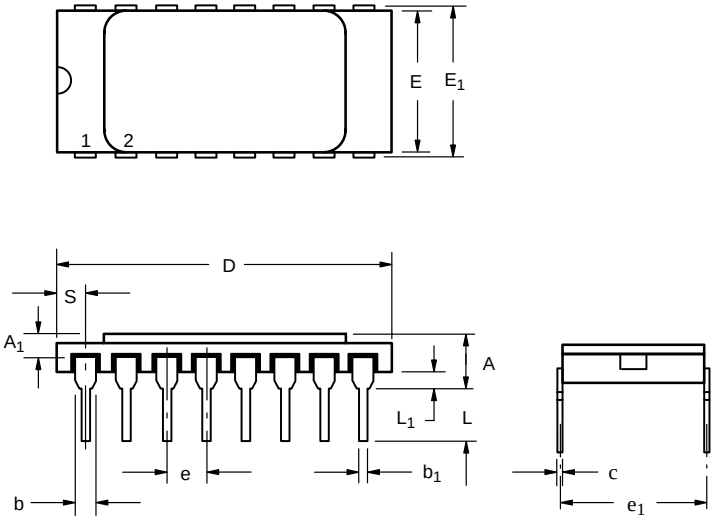






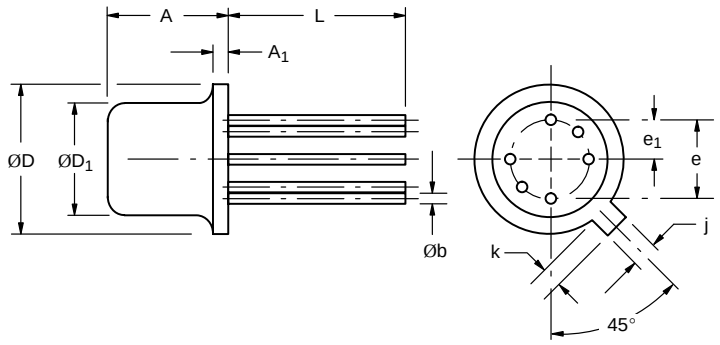
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	3.81	5.08	0.150	0.200
A_1	1.27	2.03	0.050	0.080
b	0.89	1.65	0.035	0.065
b_1	0.38	0.51	0.015	0.020
c	0.20	0.30	0.008	0.012
D–8	9.02	10.92	0.355	0.430
D–14	17.27	19.30	0.680	0.760
D–16	18.93	21.33	0.745	0.840
D–20	24.89	26.92	0.980	1.060
E	5.59	7.11	0.220	0.280
E_1	7.62	8.26	0.300	0.325
e	2.29	2.79	0.090	0.110
e_1	7.37	7.87	0.290	0.310
L	2.79	3.81	0.110	0.150
L_1	0.38	1.27	0.015	0.050
S–8	1.02	2.03	0.040	0.080
S–14	1.02	2.03	0.040	0.080
S–16	0.38	1.52	0.015	0.060
S–20	1.02	2.03	0.040	0.080
Θ	0°	15°	0°	15°

SIDEBRAZE DIP: 14, 16, 20, AND 24 LEADS



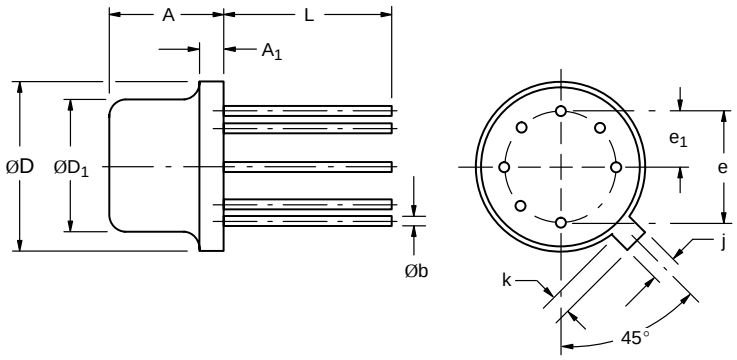
DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	2.67	4.44	0.105	0.175
A_1	0.25		0.010	
b	0.97	1.52	0.038	0.060
b_1	0.38	0.53	0.015	0.021
c	0.20	0.30	0.008	0.012
D–14	17.53	19.56	0.690	0.770
D–16	19.56	21.08	0.770	0.830
D–20	24.89	26.16	0.980	1.030
D–24	29.97	31.24	1.180	1.230
E	7.11	7.87	0.280	0.310
E_1	7.37	8.26	0.290	0.325
e	2.54 BSC		0.100 BSC	
e_1	7.62 BSC		0.300 BSC	
L	3.18	4.45	0.125	0.175
L_1	0.64	1.40	0.025	0.055
S–14	0.13		0.005	
S–16	0.13		0.005	
S–20	0.13		0.005	
S–24	0.76	2.41	0.030	0.095

TO-71



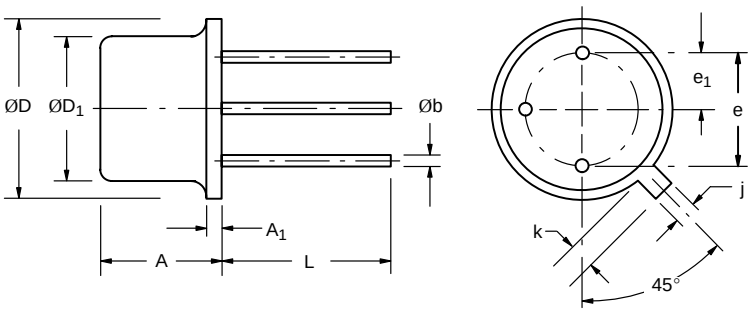
DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	4.32	5.33	0.170	0.210
A_1	–	0.76	–	0.030
Øb	0.41	0.48	0.016	0.019
ØD	5.31	5.84	0.209	0.230
$ØD_1$	4.52	4.95	0.178	0.195
e	2.54 BSC		0.100 BSC	
e_1	1.27 BSC		0.050 BSC	
j	0.92	1.17	0.036	0.046
k	0.72	1.22	0.028	0.048
L	12.70	–	0.500	–

TO-78



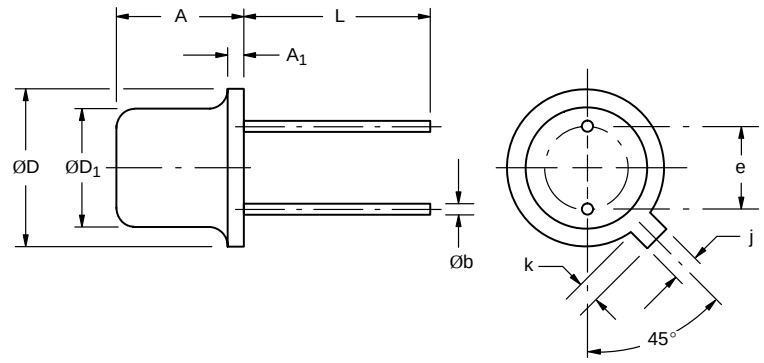
DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	4.19	4.70	0.165	0.185
A_1	–	1.02	–	0.040
Øb	0.41	0.49	0.016	0.019
ØD	8.51	9.40	0.335	0.370
$ØD_1$	7.75	8.51	0.305	0.335
e	5.08 BSC		0.200 BSC	
e_1	2.54 BSC		0.100 BSC	
j	0.72	0.86	0.028	0.034
k	0.74	1.14	0.029	0.045
L	12.70	–	0.500	–

TO-205AD/AF (TO-39)



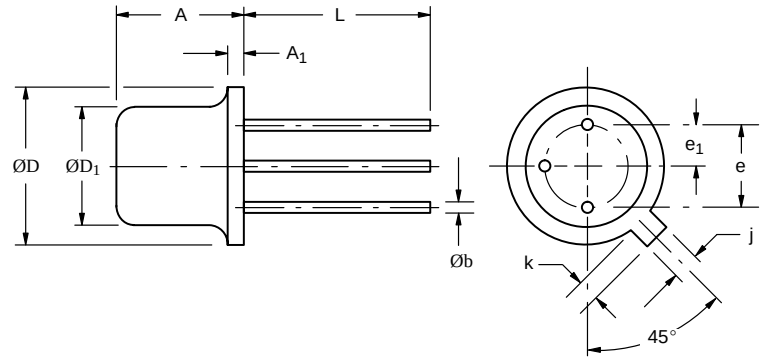
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A-AD	6.10	6.60	0.240	0.260
A-AF	4.07	4.57	0.160	0.180
A_1	0.23	1.04	0.009	0.041
Øb	0.41	0.53	0.016	0.021
ØD-AD	8.51	9.39	0.335	0.370
ØD-AF	8.64	9.39	0.340	0.370
$ØD_1$-AD	7.75	8.51	0.305	0.335
$ØD_1$-AF	8.01	8.64	0.315	0.340
e	5.08 BSC		0.200 BSC	
e_1	2.54 BSC		0.100 BSC	
j	0.72	0.86	0.028	0.034
k	0.74	1.14	0.029	0.045
L	12.70	19.05	0.500	0.750

TO-206AA (TO-18, 2 LEADS)



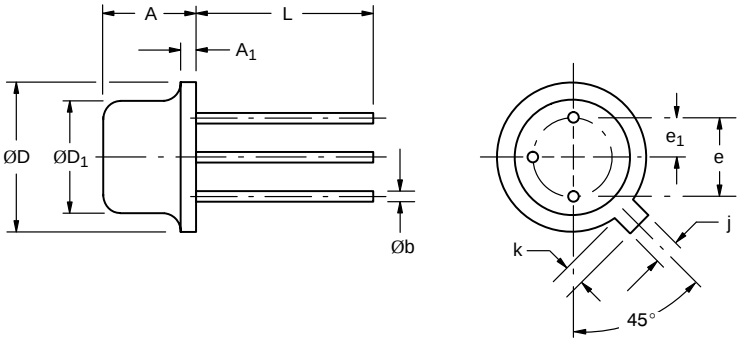
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	4.32	5.33	0.170	0.210
A_1	–	0.76	–	0.030
Øb	0.41	0.48	0.016	0.019
ØD	5.31	5.84	0.209	0.230
$ØD_1$	4.52	4.95	0.178	0.195
e	2.54 BSC		0.100 BSC	
j	0.92	1.17	0.036	0.046
k	0.72	1.22	0.028	0.048
L	12.70	–	0.500	–

TO-206AA (TO-18, 3 LEADS)



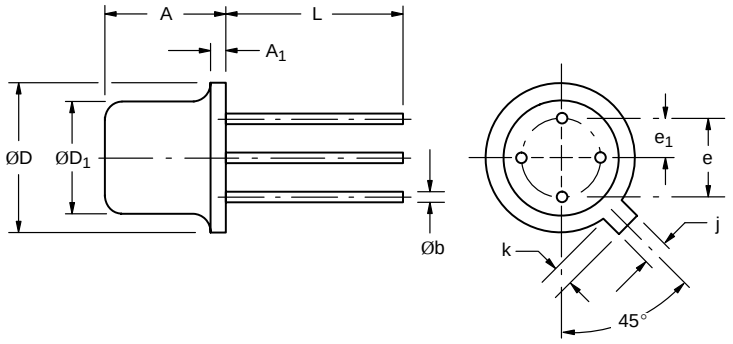
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	4.32	5.33	0.170	0.210
A_1	–	0.76	–	0.030
Øb	0.41	0.48	0.016	0.019
ØD	5.31	5.84	0.209	0.230
$ØD_1$	4.52	4.95	0.178	0.195
e	2.54 BSC		0.100 BSC	
e_1	1.27 BSC		0.050 BSC	
j	0.92	1.17	0.036	0.046
k	0.72	1.22	0.028	0.048
L	12.70	–	0.500	–

TO-206AC (TO-52)



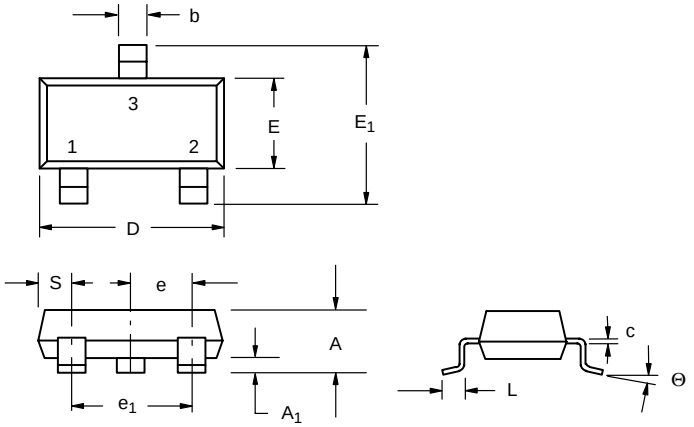
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	2.92	3.81	0.115	0.150
A_1	–	0.76	–	0.030
Øb	0.41	0.48	0.016	0.019
ØD	5.31	5.84	0.209	0.230
$ØD_1$	4.52	4.95	0.178	0.195
e	2.54 BSC		0.100 BSC	
e_1	1.27 BSC		0.050 BSC	
j	0.92	1.17	0.036	0.046
k	0.72	1.22	0.028	0.048
L	12.70	–	0.500	–

TO-206AF (TO-72)



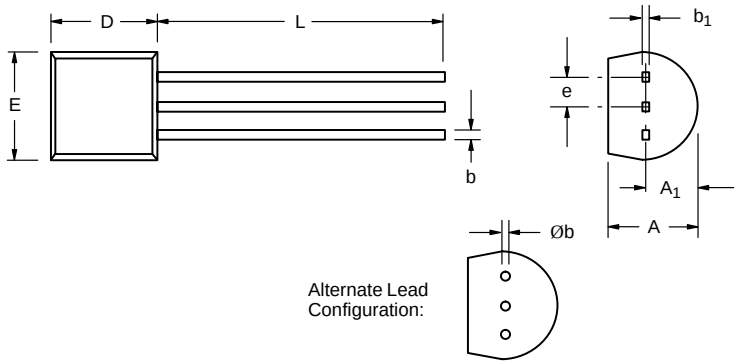
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	4.32	5.33	0.170	0.210
A_1	–	0.762	–	0.030
Øb	0.41	0.48	0.016	0.019
ØD	5.31	5.84	0.209	0.230
$ØD_1$	4.52	4.95	0.178	0.195
e	2.54 BSC		0.100 BSC	
e_1	1.27 BSC		0.050 BSC	
j	0.92	1.17	0.036	0.046
k	0.72	1.22	0.028	0.048
L	12.70	–	0.500	–

TO-236 (SOT-23)



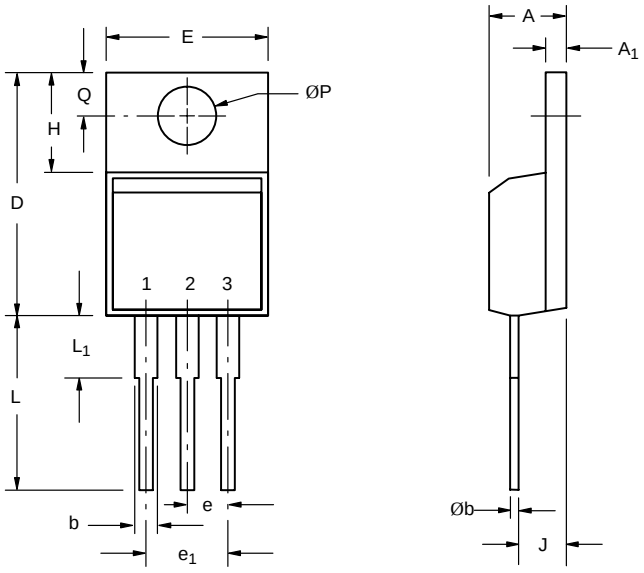
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	0.80	1.12	0.031	0.044
A_1	0.013	0.10	0.0005	0.004
b	0.37	0.46	0.015	0.018
c	0.085	0.15	0.004	0.006
D	2.80	3.04	0.110	0.120
E	1.20	1.40	0.047	0.055
E_1	2.10	2.50	0.083	0.098
e	0.90	1.03	0.035	0.041
e_1	1.80	2.05	0.070	0.081
L	0.69 Ref		0.027 Ref	
S	0.45	0.60	0.018	0.024
Θ	0°	8°	0°	8°

TO-226AA (TO-92)



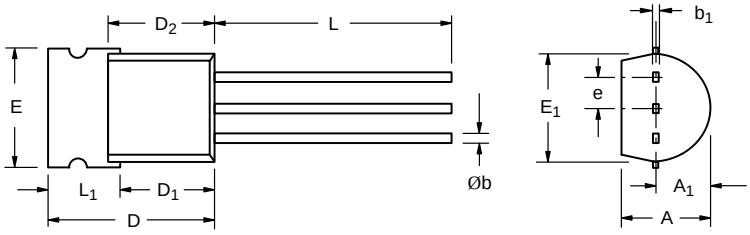
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	3.18	4.19	0.125	0.165
A_1	2.03	2.67	0.080	0.105
b	0.38	0.55	0.015	0.022
b_1	0.36	0.51	0.014	0.020
Øb	0.41	0.53	0.016	0.021
D	4.57	5.08	0.180	0.200
E	4.45	4.70	0.175	0.185
e	1.14	1.40	0.045	0.055
L	12.70	–	0.500	–

TO-220



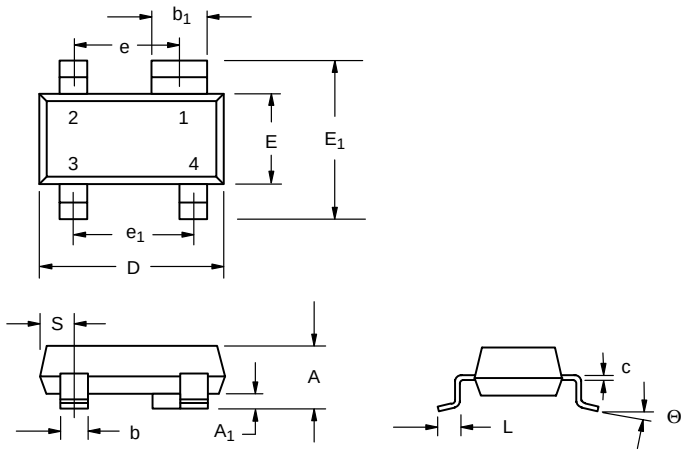
DIM	MILLIMETERS MIN	MILLIMETERS MAX	INCHES MIN	INCHES MAX
A	4.32	4.70	0.170	0.185
A_1	1.14	1.40	0.045	0.055
b	1.27	1.65	0.050	0.065
Øb	0.76	1.02	0.030	0.040
D	14.60	15.49	0.575	0.610
E	10.03	10.41	0.395	0.410
e	2.41	2.67	0.095	0.105
e_1	4.95	5.33	0.195	0.210
H	5.97	6.73	0.235	0.265
J	2.41	2.79	0.095	0.110
L	13.08	14.22	0.515	0.560
L_1	–	3.81	–	0.150
ØP	3.68	3.94	0.145	0.155
Q	2.54	3.05	0.100	0.120

TO-237



DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	3.43	3.68	0.135	0.145
A_1	2.03	2.67	0.080	0.105
Øb	0.41	0.48	0.016	0.019
b_1	0.36	0.51	0.014	0.020
D	6.60	6.86	0.260	0.270
D_1	4.19 Typ		0.165 Typ	
D_2	4.45	4.70	0.175	0.185
E	4.95	5.21	0.195	0.205
E_1	4.45	4.70	0.175	0.185
e	1.14	1.40	0.045	0.055
L	12.70	–	0.500	–
L_1	2.41	2.67	0.095	0.105

TO-253



DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	0.80	1.10	0.031	0.043
A_1	0.02	0.10	0.001	0.004
b	0.37	0.46	0.015	0.018
b_1	0.76	0.85	0.030	0.034
c	0.085	0.13	0.003	0.005
D	2.67	3.05	0.105	0.120
E	1.20	1.40	0.047	0.055
E_1	2.10	2.50	0.083	0.098
e	1.64	2.03	0.065	0.080
e_1	1.80	2.00	0.071	0.079
L	0.69 Ref		0.027 Ref	
S	0.44	0.55	0.017	0.022
Θ	0°	8°	0°	8°