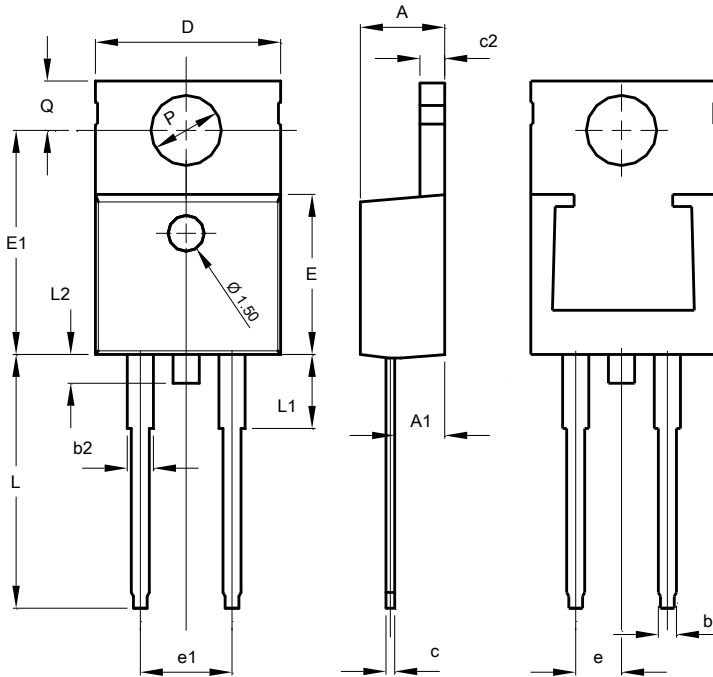


**Package Outline Dimensions**

**TO220AC (13.7mm Min Lead Length)**



TO220AC (13.7mm Min Lead Length)			
Dim	Min	Max	Typ
A	4.470	4.670	-
A1	2.520	2.820	-
b	0.710	0.910	0.813
b2	1.170	1.370	1.270
c	0.279	0.483	-
c2	1.170	1.370	-
D	10.010	10.310	-
E	8.763	9.017	8.890
E1	12.294	12.548	12.446
e	2.54BSC		
e1	4.980	5.180	-
L	13.700	14.100	-
L1	4.04	4.19	4.11
L2	-	1.60	-
ØP	3.790	3.890	-
Q	2.642	2.946	2.743
<b>All Dimensions in mm</b>			

**ALL DIMENSIONS ARE NOMINAL VALUES SHOWN IN MILLIMETERS**

Note: The suggested land pattern dimensions have been provided for reference only, as actual pad layouts may vary depending on application. These numbers may be modified based on user equipment capability or fabrication criteria. A more robust pattern may be desired for wave soldering and is calculated by adding 0.2 mm to the 'Z' dimension. For further information, please reference document IPC-7351A, Naming Convention for Standard SMT Land Patterns, and for International grid details, please see document IEC, Publication 97.