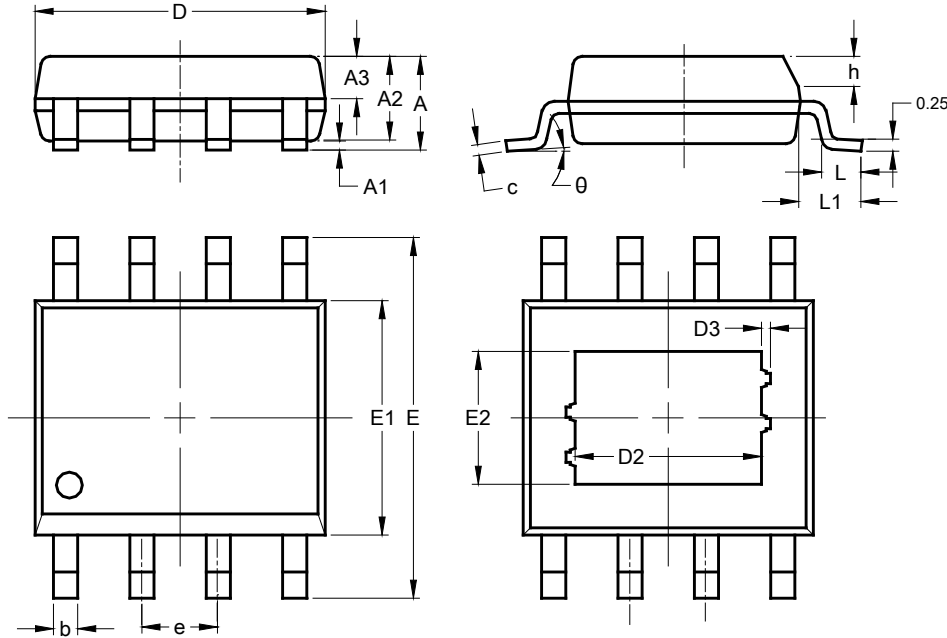


Package Outline Dimensions

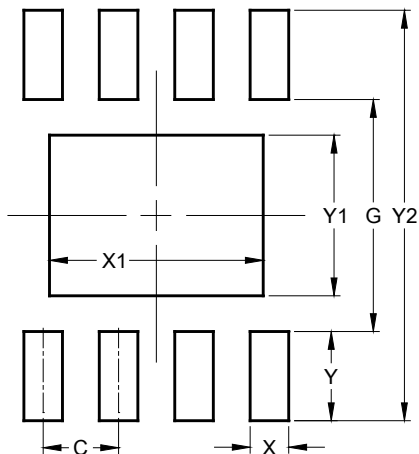
SO-8EP (Type TH)



SO-8EP (Type TH)			
Dim	Min	Max	Typ
A	--	1.65	--
A1	0.05	0.15	--
A2	1.30	1.50	1.40
A3	0.60	0.70	0.65
b	0.39	0.48	--
c	0.21	0.25	--
D	4.70	5.10	4.90
D2	3.10REF		
D3	0.10REF		
E	5.80	6.20	6.00
E1	3.70	4.10	3.90
E2	2.21REF		
e	1.27BSC		
h	0.25	0.50	--
L	0.50	0.80	0.60
L1	1.05REF		
theta	0°	8°	--
All Dimensions in mm			

Suggested Pad Layout

SO-8EP (Type TH)



Dimensions	Value (in mm)
C	1.270
G	3.900
X	0.650
X1	3.600
Y	1.500
Y1	2.700
Y2	6.900

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.