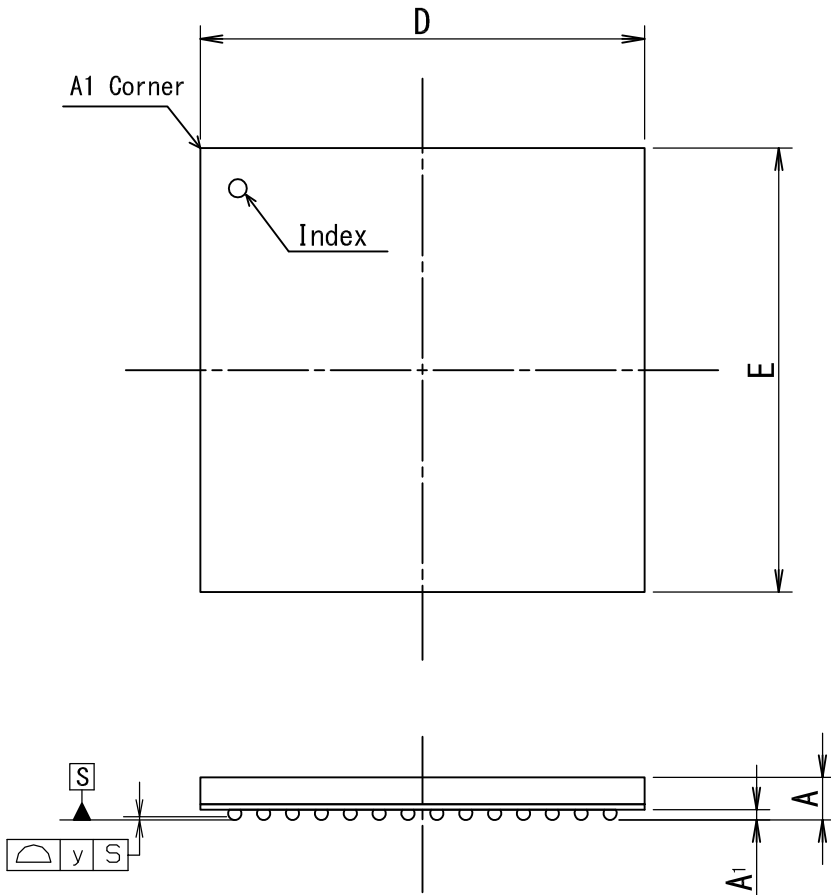
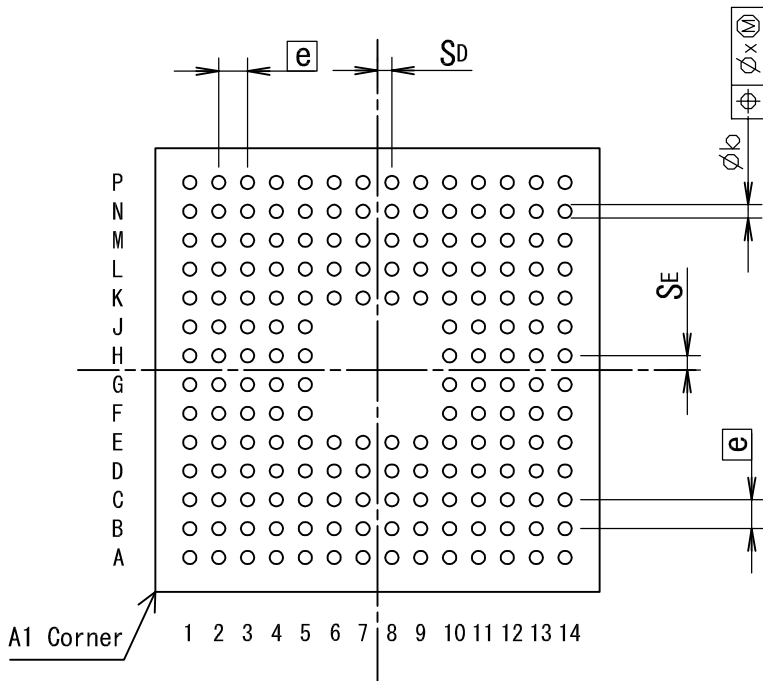


# Top View



# Bottom View



Symbol	Dimension in Millimeters		
	Min	Nom	Max
$D$	9.90	10.00	10.10
$E$	9.90	10.00	10.10
$A$	-	-	1.20
$A_1$	0.17	0.22	0.27
$e$	-	0.65	-
$b$	0.27	0.32	0.37
$x$	-	-	0.08
$y$	-	-	0.10
$S_D$	0.225	0.325	0.425
$S_E$	0.225	0.325	0.425

Unit : mm

TITLE

P-TFBGA-180-1010-0.65 (PFBGA10U-180)

**SEIKO EPSON CORP.**