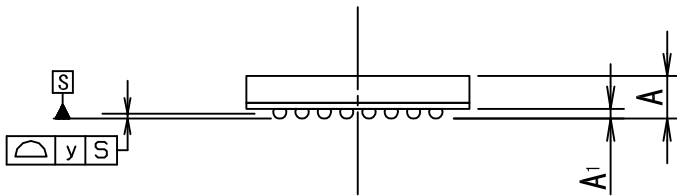
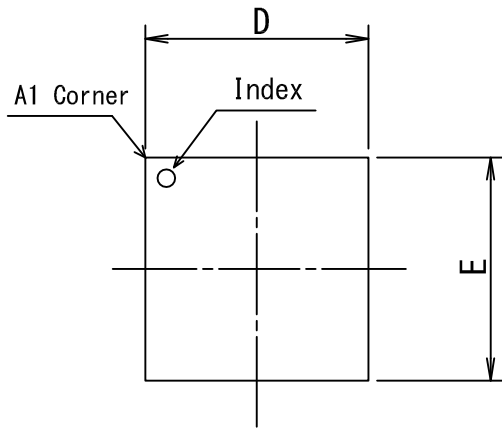
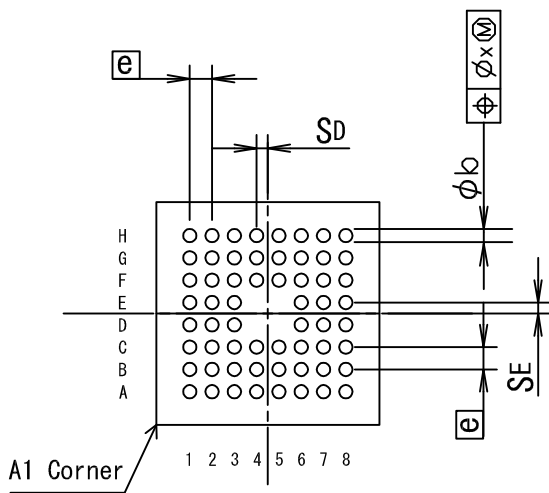


# Top View



# Bottom View



Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	4.90	5.00	5.10
E	4.90	5.00	5.10
A	-	-	1.20
A <sub>1</sub>	0.18	0.23	0.28
e	-	0.50	-
b	0.26	0.31	0.36
x	-	-	0.08
y	-	-	0.10
S <sub>D</sub>	0.15	0.25	0.35
S <sub>E</sub>	0.15	0.25	0.35

Unit : mm

TITLE

P-TFBGA-060-0505-0.50 (PFBGA5U-60)

**SEIKO EPSON CORP.**