



Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	19.90	20.00	20.10
E	13.90	14.00	14.10
A	-	-	3.50
A <sub>1</sub>	0.25	0.35	0.45
A <sub>2</sub>	2.60	2.70	2.80
e	-	0.50	-
b	0.17	0.20	0.27
c	0.09	0.15	0.20
θ	0°	5°	10°
L	0.60	0.80	1.00
L <sub>1</sub>	1.40	1.60	1.80
H <sub>D</sub>	22.80	23.20	23.60
H <sub>E</sub>	16.80	17.20	17.60
x	-	-	0.08
y	-	-	0.10

Unit ; mm

TITLE  
P-QFP128-1420-0.50(QFP5-128PIN-S2)

SEIKO EPSON CORP.