import java.util.\*;

public class Main{

final static int number= 256;

static int max\_distinct\_char(String str, int n) {

int count[] = new int[number];

for (int i = 0; i < n; i++) {

count[str.charAt(i)]++;

}

int max\_distinct = 0;

for (int i = 0; i < number; i++) {

if (count[i] != 0) {

max\_distinct++;

}

}

return max\_distinct;

}

static int smallesteSubstr\_maxDistictChar(String str) {

int n = str.length();

int max\_distinct = max\_distinct\_char(str, n);

int minl = n;

for (int i = 0; i < n; i++) {

for (int j = 0; j < n; j++) {

String subs = null;

if(i<j)

subs = str.substring(i, j);

else

subs = str.substring(j, i);

int subs\_lenght = subs.length();

int sub\_distinct\_char = max\_distinct\_char(subs, subs\_lenght);

if (subs\_lenght < minl && max\_distinct == sub\_distinct\_char) {

minl = subs\_lenght;

}

}

}

return minl;

}

public static void main(String[] args) {

String str;

Scanner sc=new Scanner(System.in);

str=sc.next();

int len = smallesteSubstr\_maxDistictChar(str);

System.out.println(len);

}

}