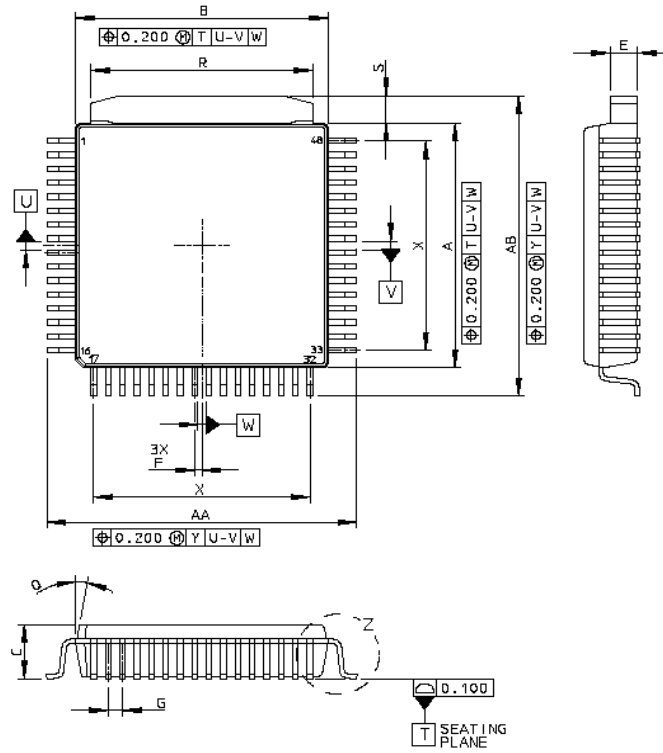
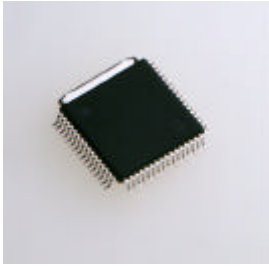


# HQFP48/64T.8F-DE PACKAGE OUTLINE & DIMENSIONS



DIM	MILLIMETERS	
	MIN	MAX
A	13.900	14.100
B	13.900	14.100
C	2.977	3.277
D	0.275	0.457
E	1.473	1.574
F	0.400 BSC	
G	0.800 BSC	
H	0.0889 BSC	
J	0.229	0.330
K	0.700	1.000
L	1.600 REF	
M	0.200	0.388
N	0.200	---
P	0°	6°
Q	5°	15°
R	12.200	12.400
S	1.375	1.575
U	---	1.000
V	---	1.000
X	12.000 REF	
AA	16.993	17.297
AB	17.000	17.325
AC	10.000	---
AD	13.000	---
AE	0.229	0.279
AF	0.275	0.450
AG	7.800	---
AH	---	2.745
AJ	10.000	---

