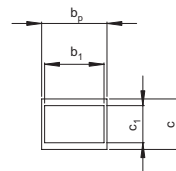
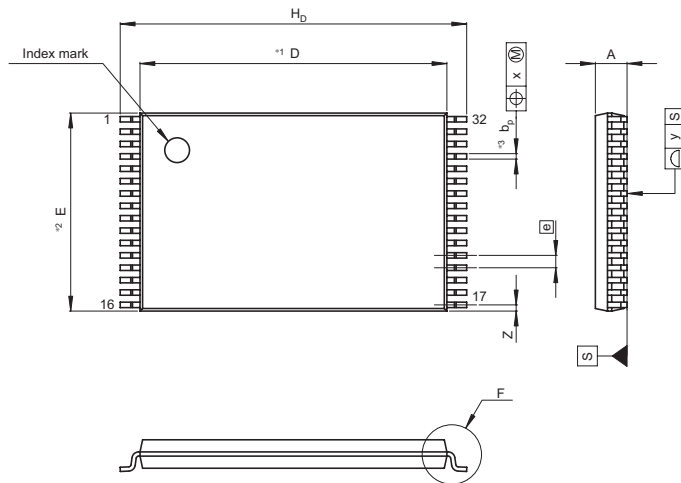


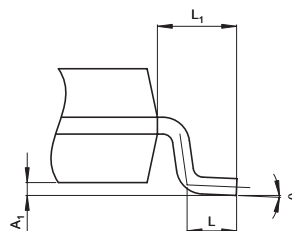
JEITA Package Code	RENESAS Code	Previous Code	MASS[Typ.]
P-TSOP(1)32-8x12.4-0.50	PTSA0032KD-A	TFP-32DA/TFP-32DAV	0.26g

NOTE)

1. DIMENSION"*1"AND"*2(Nom)"
DO NOT INCLUDE MOLD FLASH.
2. DIMENSION"*3"DOES NOT
INCLUDE TRIM OFFSET.



Terminal cross section



Detail F

Reference Symbol	Dimension in Millimeters		
	Min	Nom	Max
D	—	12.40	—
E	—	8.00	8.20
A_2	—	—	—
A_1	0.08	0.13	0.18
A	—	—	1.20
b_p	0.14	0.22	0.30
b_1	—	0.20	—
c	0.12	0.17	0.22
c_1	—	0.125	—
θ	0	—	5
H_D	13.80	14.00	14.20
e	—	0.50	—
x	—	—	0.08
y	—	—	0.10
Z	—	—	0.45
L	0.40	0.50	0.60
L_1	—	0.80	—