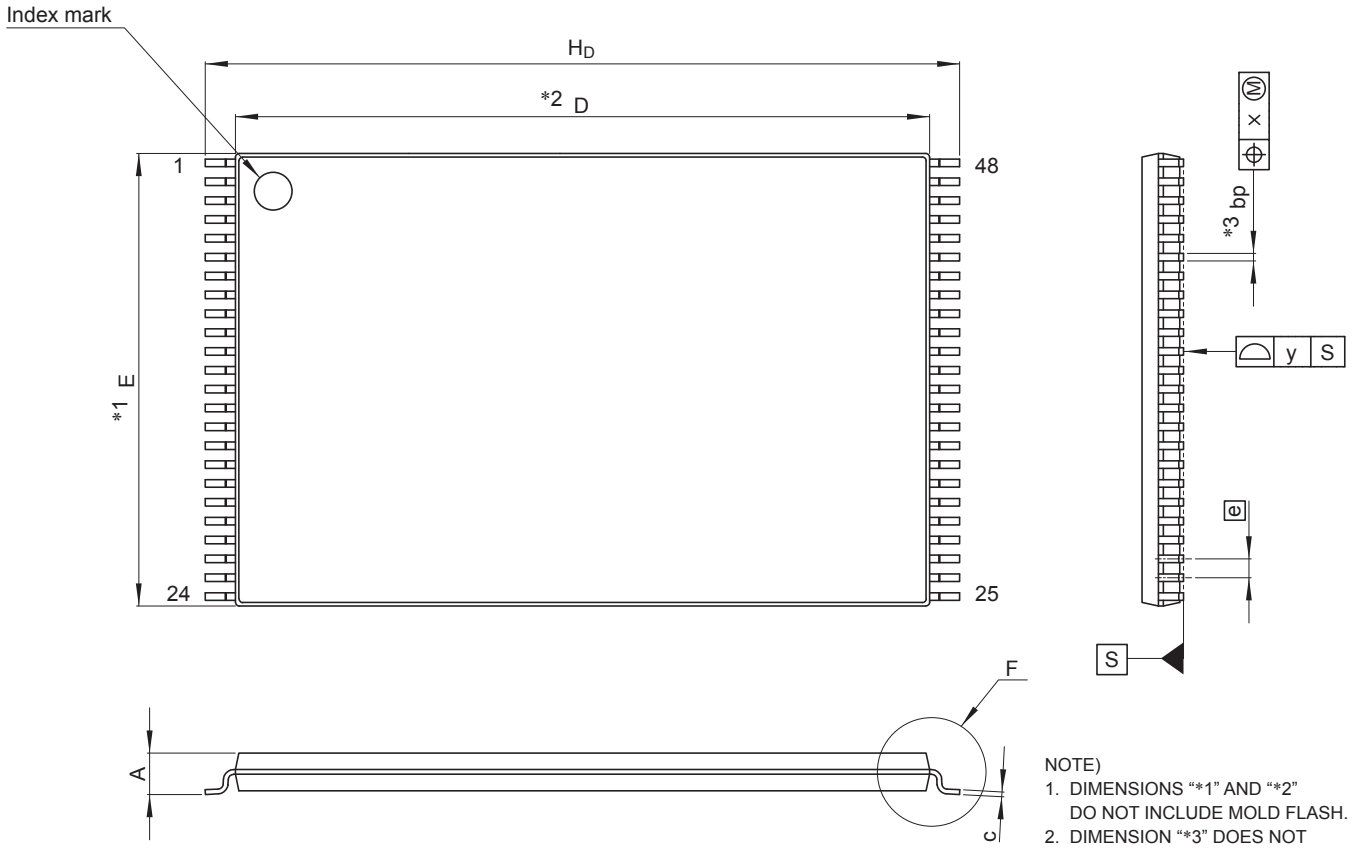
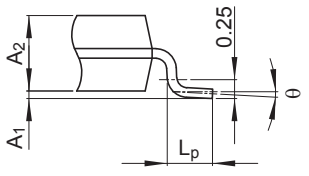
JEITA Package Code	RENESAS Code	Previous Code	MASS (Typ) [g]
P-TSOP(1) 48-12×18.4-0.50	PTSA0048KH-A	—	0.54

Unit: mm



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



Detail F

Reference Symbol	Dimensions in millimeters		
	Min	Nom	Max
D	18.3	18.4	18.5
E	11.9	12.0	12.1
A_2	—	1.0	—
H_D	19.75	20.0	20.25
A	—	—	1.2
A_1	0.05	0.10	0.15
bp	0.17	0.22	0.27
c	0.1	—	0.21
θ	0°	—	5°
e	—	0.5	—
x	—	—	0.08
y	—	—	0.08
L_p	0.5	0.6	0.7

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