



Data Sheet

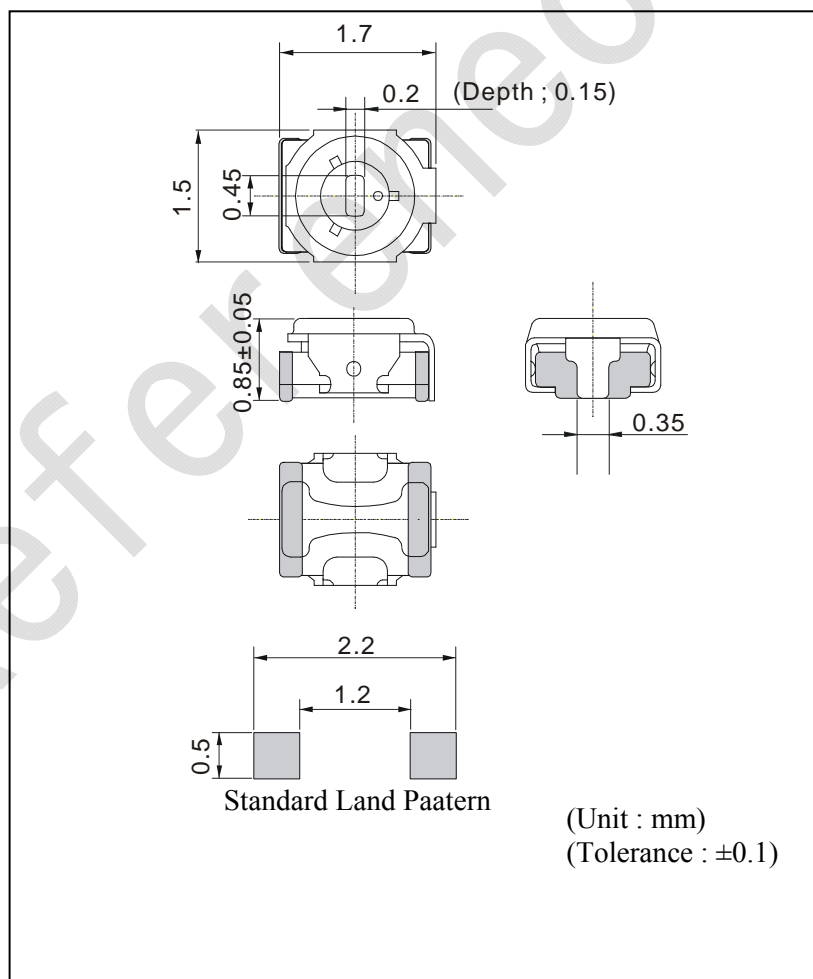
CERAMIC TRIMMER CAPACITOR / TZR1 SERIES

■ Part Number

TZR1 ○○○○ A 001 □□□
 1) 2) 3) 4)

- 1) ○○○○ Temperature characteristics and Maximum capacitance value.
 Refer to the attached specification table. Ex. Z100
- 2) A Terminal shape. Refer to the drawings for terminal shape A.
- 3) 001 Individual specifications. 001: Standard
- 4) □□□ Packaging
 [B00] - Bulk : 500pcs./bag
 [R00] - Taping (Standard) : 3,000pcs./reel (180mm dia.)

■ Outline / Dimensions / Land Pattern



■ Specifications Table

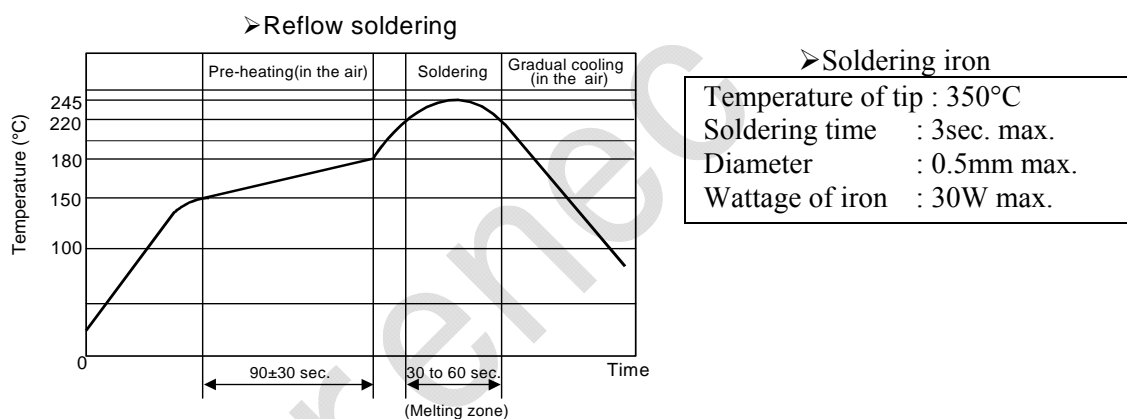
Part Number	Capacitance (pF)		Q at 1MHz (min.)	Rated voltage (V.D.C.)	Temp. Characteristics	
	Min. (+0%)	Max. (+100/-0%)			Temp. Coefficient (ppm/°C)	Drift (max.)
TZR1Z010A001	0.55	1.0	200*	25	NP0 ±300 (0±300)	±3%
TZR1Z1R5A001	0.70	1.5	200*	25	NP0 ±300 (0±300)	±3%
TZR1Z040A001	1.5	4.0	300	25	NP0 ±500 (0±500)	±3%
TZR1R080A001	3.0	8.0	300	25	N750±500 (-750±500)	±3%

- Operating temperature range is -25 to +85°C.
- * : At 200MHz (Z010,Z1R5 only)
- Driving torque : 0.1 ~1.0 mN·m (Ref; 1~10gf·cm)

Caution for Using

■ Soldering

- (1) Standard soldering condition (Standard Pb free solder type : 96.5Sn/3.0Ag/0.5Cu)



- (2) The thickness of solder paste should be printed from 100μm to 150μm at re-flow soldering.
- (3) Do not use flow-soldering (dipping) method.

■ Cleaning

- (1) Can not be cleaned because of open construction.
- (2) If cleaning the TZR1 series, silicon oil applied to the movable part of the TZR1 will also be washed out, therefore the trimmer capacitor may deviate from the specified characteristics.

■ Adjusting

- (1) Do not apply excessive force (preferable 0.5N(Ref.; 50gf) max.) to minimize capacitance drift.
- (2) Use suitable screwdriver that fit comfortably in driver slot. (Murata Part No. : KMDR160)
- (3) Do not use any adhesive bond to fix moving parts after adjusting.

End of Document.