



Data Sheet

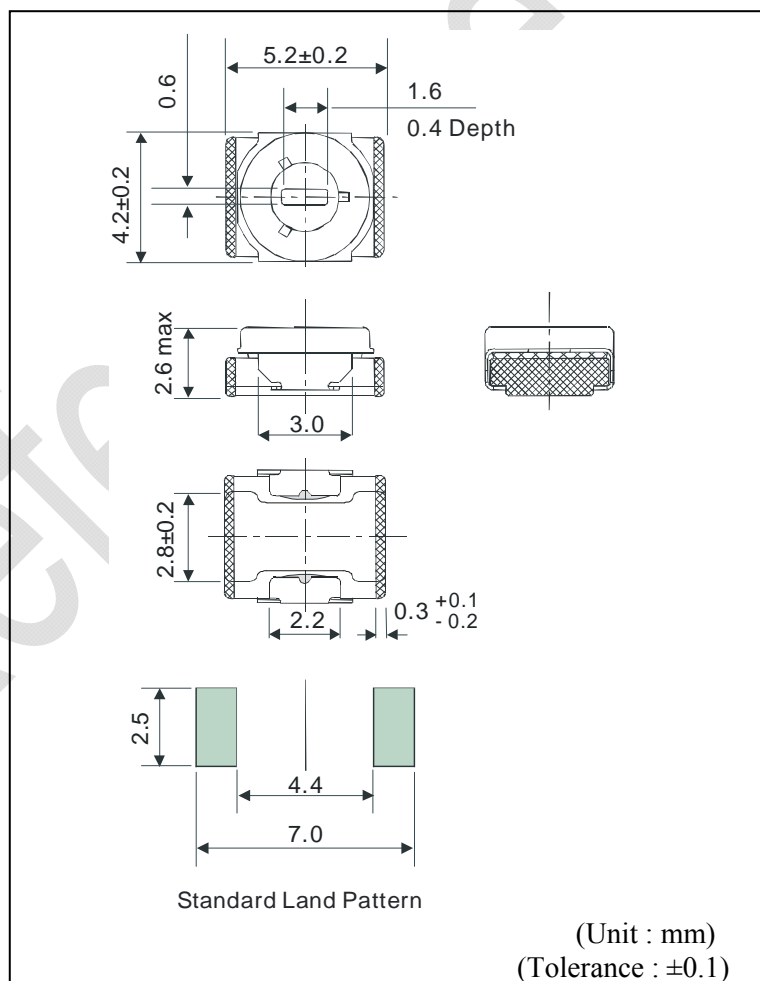
CERAMIC TRIMMER CAPACITOR / TZW4 SERIES

■ Part Number

TZW4 ○○○○ A 001 □□□
 1) 2) 3) 4)

- 1) ○○○○ Temperature characteristics and Maximum capacitance value.
 Ex. Z1R5
- 2) A Terminal shape.
- 3) 001 Individual specifications. 001 : Standard
- 4) □□□ Packaging
- | | | | |
|-------|----------|---|---------------------------|
| [B00] | - Bulk | : | 100pcs./bag |
| [R00] | - Taping | : | 500pcs./reel (180mm dia.) |

■ Outline / Dimensions / Land Pattern



■ Specifications Table

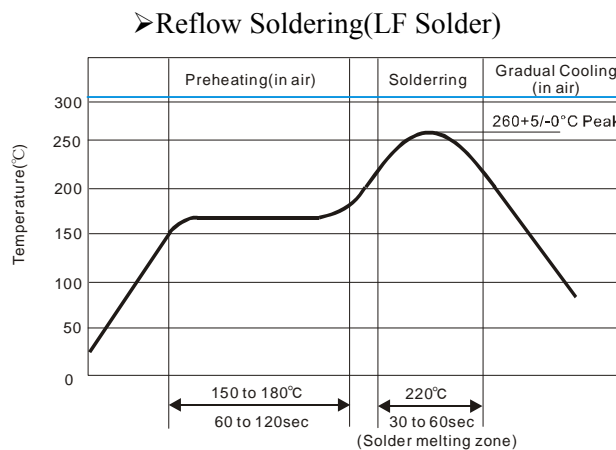
Part Number	Capacitance (pF)		Q at 500MHz (min.)	Rated voltage (V.D.C.)	Temp. Characteristics	
	Min. (+0%)	Max.			Temp. Coefficient (ppm/°C)	Drift (max.)
TZW4Z010A001	0.4	1.0 (+50/-0%)	200	250	NP0±150 (0±150)	±2 %
TZW4Z1R5A001	0.4	1.5 (+100/-0%)	200	250	NP0±150 (0±150)	±2 %

Operating temperature range is -55 to +125 degC.
Driving torque: 1.5 ~ 10.0 mN·m (Ref.; 15~100gf·cm)

Caution for Using

■ Soldering

(1) Standard soldering condition



➤ Soldering iron

Temperature of tip : 390±10°C
Soldering time : 5sec. max.
Diameter : 1mm max.
Wattage of iron : 30W max.

- (2) The thickness of solder paste should be printed from 150μm to 200μm 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 TZW4 series, silicon oil applied to the movable part of the TZW4 will also be washed out, therefore the trimmer capacitor may deviate from the specified characteristics.

■ Adjusting

- (1) Do not apply excessive force (preferable 1.0N (Ref.; 100gf) max.) to minimize capacitance drift.
(2) Use suitable screwdriver that fit comfortably in driver slot (Murata Part No. : KMDR130)
(3) Do not use any adhesive bond to fix moving parts after adjusting.

End of Document.