



$$d_t = 0.8 + 0.08/-0.05 \text{ mm}$$

Voltage Vdc	Cap. μF	Code PCPW 223	C-tol. %	Dimensions b x h x l mm	P mm	It mm
250	2.2	SA0012	± 10	10.0 x 19.5 x 26.0	22.5 \pm 0.4	5.0 \pm 1.0

Same as PCPW 223JV1196

<But>

- Automotive (AEC-Q200 qualified)
- PBT gray case
- 250Vdc 2.2uF & 2510case
- RC between lead > 10,000s at 100V for 1min.
- Dissipation factor (Tangent loss angle, $\times 10^{-4}$) ; ≤ 75 at 1kHz
- Rated voltage pulse load slope(dV/dt)_R ; 20V/us

- Marking

2u2 K 250V PILKOR 223 MKT WK....

Marking on the top or side

- PACKING METHOD(Arrange packing)

Packing method	Sponge	SPQ (Folding plate)	PQ (Outer box)
8242 450 40054	8242 456 30041	200 (8204 116 50912)	1000 (8242 451 30561)

-Test Requirements

See PCPW 223SA....(sh. 190-1)

부서	제품개발1팀	Type Specification			최초작성일	16-02-29
작성	김 세 지	MKT RADIAL POTTED CAPACITORS (대성전기)	PCPW 223SA0012		개정 No	2
승인	강 문 현		190-1	of page 1	개정일자	16-11-23

For part lists see PCPW 223JV1226

Include :

Delete :

- Cell code for PCPW 223SA0012 : 4342 492 S0024
- Film (0842 330 14391) Consumption ; 270.32g/100ea

For manufacturing instruction see PCPW 223J21226 However :

<But>

- LOA

- 1) Pull off force \geq 1000g
- 2) Liquid epoxy ; 770D (1342 431 10224 - Resin : SE-770 UMB D
1342 431 10225 - Hardener : MH-770D)
- 3) PBT case (Gray) ; 4342 433 20161

- R/D

Cap. [uF]	Tan d (x 10 ⁻⁴)			Cap test limit	R. insul		Healing & Test Volt age
	1kHz	10kHz	100kHz		V	nA	
2.2	60	130	300	-9.5%/+ 9.5%	100	44	400

For AEC capacitor instruction see below....

- PCPW 223SA0012 sh. 100 Survey of Document
- PCPW 223SA0012 sh. 101-1 변경기록서
- PCPW 223SA0012 sh. 260 작업표준서
- PCPW 223SA0012 sh. 261 공정흐름도
- PCPW 223SA0012 sh. 370 DFMEA
- PCPW 223SA0012 sh. 371 PFMEA
- PCPW 223SA0012 sh. 372 Control Plan

부서	제품개발1팀	Manufacturing Specification				최초작성일	16-02-29
작성	김 세 지	MKT RADIAL POTTED CAPACITORS (대성전기)	PCPW 223SA0012		개정 No	2	
승인	강 문 현		260-1	of page	1	개정일자	17-10-31