



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

Voltage Vdc	Cap. μF	Code PCPW 223	C-tol. %	Dimensions b × h × l mm	P mm	lt mm
63	3.3	SA0003	±10	6.0 x 12.0 x 18.0	15.0±0.4	3.4±0.3
63	4.7	SA0004	±10	7.0 x 13.5 x 18.0	15.0±0.4	3.4±0.3
63	10.0	SA0005	±10	9.0 x 17.5 x 18.0	15.0±0.4	3.4±0.3

Same as PCPW 223F21...

<But>

- Automotive(AEC-Q200 Qualified), 63V & PBT case (Gray)
- RC between lead > 5,000s at 50V for 1min.
- Dissipation factor (Tangent loss angle, $\times 10^{-4}$) ; ≤ 75 at 1kHz
- Rated voltage pulse load slope(dV/dt)_R ; 9.2V/us
- Marking (marking on the side)

3u3 K 63V
223 MKT
PILKOR

- PACKING METHOD (Arrange Packing – Tray)

Product (PCPW 223)	Packing method	Sponge	Tray (Inner box)	PQ (Outer box)
SA0003	8242 450 40237	8242 456 20011	280 (8242 451 31031)	3920 (8242 451 30671)
SA0004	8242 450 40236	8242 456 20011	240 (8242 451 31031)	2880 (8242 451 30671)
SA0005	8242 450 40236	8242 456 20011	190 (8242 451 31031)	2280 (8242 451 30671)

-Test Requirements

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

부서	제품개발1팀	Type Specification				최초작성일	15-10-26
작성	김 세 지	MKT RADIAL POTTED CAPACITORS (LGIT)	PCPW 223SA0003 PCPW 223SA0004 PCPW 223SA0005			개정 No	2
승인	강 문 현		190-1	of page	1	개정일자	16-11-23

For part lists see PCPW 223F21...

Include :

Delete :

- Cell code :

- . 4342 492 S0017(for PCPW 223SA0003)
- . 4342 492 S0018(for PCPW 223SA0004)
- . 4342 492 S0019(for PCPW 223SA0005)

For manufacturing instruction see PCPW 223F21... However :

<But>

- LOA

1) Pull off force \geq 1000gf

2) Liquid epoxy ; 770D (1342 431 10224 - Resin : SE-770 UMB D
1342 431 10225 - Hardener : MH-770D)

3) PBT case (Gray)

- 1760 ; 4342 433 20081 / 1770 ; 4342 433 20091 / 1790 ; 4342 433 20301

- R/D

Cap. [uF]	Tan d (x 10 ⁻⁴)			Cap test limit	R. insul		Healing & Test Volt age
	1kHz	10kHz	100kHz		V	nA	
3.3	60	120	350	-9.0%/+ 9.0%	50	33	120
4.7	60	120	400	-9.0%/+ 9.0%	50	47	120
10	60	120	400	-9.0%/+ 9.0%	50	100	120

박 주 영		MKT RADIAL POTTED CAPACITORS (LGIT)				PCPW 223SA0003		15-10-26	
백 영 섭						PCPW 223SA0004			
						PCPW 223SA0005			
			15-10-26	1	260-1	010	QS	A4	
QS	강 문 현	PILKOR ELECTRONICS 2015							