



$d_t = 1.0 \pm 0.1 \text{ mm}$

Voltage Vdc	Cap. $\mu\text{F}$	Code PCPW 225 .....	C-tol. %	Dimensions b x h x l	P mm	It mm
550	6.0	SA0012	$\pm 10$	22.0 x 37.5 x 31.0	27.5 $\pm$ 0.7	5.0 $\pm$ 1.0

Same as PCPW 225LQ2395

<But>

- Automotive(AEC-Q200 qualified) & PBT (Gray) case
- 550V, 6.0uF K, 3022case
- Dissipation factor (  $\tan \delta, \times 10^{-4}$  ) ;  $\leq 10$  at 1kHz
- Insulation resistance ; RC > 15, 000 s ( at 500V for 1min. )
- Marking

6u K 550V PILKOR  
PCPW 225 MKP WK....

Marking on the top or side

- PACKING Method ( Arrange packing)

Packing method	Sponge	SPQ ( Folding plate )	PQ ( Outer box )
8242 450 40157	8242 456 30071	60ea (8204 116 60121)	240ea (8242 451 30701)

-Test Requirements

See PCPW 225SA....(sh. 190-1)

부서	제품개발1팀	Type Specification				최초작성일	15-10-12
작성	김 세 지	MKP RADIAL POTTED CAPACITORS (만도)	PCPW 225SA0012			개정 No	2
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For part lists see PCPW 225.....

Include :

Delete :

- Cell code :

. 4342 482 S0086(for PCPW 225SA0012)

For manufacturing instruction see PCPW 225 ..... 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) 3022 PBT case (Gray) ; 4342 433 20291

- R/D

Product Code (PCPW 225)	Cap.	Tan d ( x 10 <sup>-4</sup> )			Cap test limit	R. insul		Healing & Test Voltage
	[uF]	1kHz	10kHz	100kHz		V	nA	
SA0012	6.0	5	15	200	-9.5%/+ 9.5%	500	100	880V

For AEC capacitor instruction see below....

- PCPW 225SA0012 sh. 100 Survey of Document
- PCPW 225SA0012 sh. 101-1 변경기록서
- PCPW 225SA0012 sh. 260 작업표준서
- PCPW 225SA0012 sh. 261 공정흐름도
- PCPW 225SA0012 sh. 370 DFMEA
- PCPW 225SA0012 sh. 371 PFMEA
- PCPW 225SA0012 sh. 372 Control Plan

부서	제품개발1팀	Manufacturing Specification				최초작성일	15-10-12
작성	김 세 지	MKP RADIAL POTTED CAPACITORS (만도)	PCPW 225SA0012		개정 No	2	
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