



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

Voltage V ⁼	Cap. μF	Code PCPW 225	C-tol.	Dimensions b x h x l mm	P mm	Lt mm
630V	1.5	SA0008	$\pm 10\%$	11.5 x 21.0 x 26.0	22.5 \pm 0.4	3.5 \pm 0.3

CAPACITOR SAME AS PCPW 225LQ2105

<BUT>

- Automotive (AEC-Q200 qualified)
- PBT case (Gray)
- LT 3.5 \pm 0.3mm
- Dissipation factor ($\text{Tan } \delta, \times 10^{-4}$) ; ≤ 10 at 1kHz
- Insulation resistance ; RC > 15, 000 s (at 500V for 1min.)
- Middle value : Capacitance - 1.5 μF
- Dimension(bxhxl) : 11.5 x 21.0 x 26.0

- Marking :

1u5 K 630V PILKOR PCPW 225 MKP WK....
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Marking on the top or side

- Packing Method (Tray Packing)

Packing method	Sponge	SPQ	PQ
8242 450 40251	8242 456 20009	130 (8242 451 31021)	1560 (8242 451 31061)

- Electrical characteristics

Cap (μF)	d_t (mm)	P (mm)	dv/dt (V/us)	l _{pk} (A)	I _{rms} (A)	ESR (m Ω)
1.5	0.8	22.5	110	165	4.7	9.0

-Test Requirements

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

부서	제품개발1팀	Type Specification				최초작성일	15-07-14
작성	백영섭	MKP RADIAL POTTED CAPACITORS (현대모비스)	PCPW 225SA0008			개정 No	6
승인	강문현					190-1	of page

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For part lists see PCPW 225

Include :

Delete :

- Cell code :

. 4342 482 S0013(for PCPW 225S00041,S00088,SA0008)

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) PBT case (Gray)
; 4342 433 20041

- R/D

Voltage (V)	Cap uF	Tan d 1 kHz ; 9		Cap. test limit \pm 10 %	R.insul		Healing & Test voltage V
		10kHz	100kHz		V	nA	
630	1.5	20	200	-9.5% /+9.0%	500V	50	1010 V

For AEC capacitor instruction see below....

- PCPW 225SA0008 sh. 100 Survey of Document
- PCPW 225SA0008 sh. 101-1 변경기록서
- PCPW 225SA0008 sh. 260 작업표준서
- PCPW 225SA0008 sh. 261 공정흐름도
- PCPW 225SA0008 sh. 370 DFMEA

- PCPW 225SA0008 sh. 371 PFMEA
- PCPW 225SA0008 sh. 372 Control Plan

부서	제품개발1팀	Manufacturing Specification			최초작성일	15-07-14
작성	김 세 지	MKP RADIAL POTTED CAPACITORS (현대모비스)	PCPW 225SA0008		개정 No	2
승인	강 문 현		260-1	of page 1	개정일자	17-10-31
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