

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

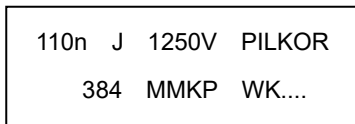
Voltage V [⊖]	Cap. μF	Code PCMP 384	C-tol.	Dimensions b x h x l mm	P mm	Lt mm
1250V	0.11	SA001	±5.0 %	13.0 x 23.0 x 26.0	22.5±0.4	3.5±0.3

Same as PCMP 384 N2114

<But>

- Automotive (AEC-Q200 Qualified)
- PBT (gray) case
- Dissipation factor (Tan δ, x 10⁻⁴) ; ≤ 8 at 10kHz, 30 at 100kHz
- Insulation resistance ; RC ≥ 30,000s
(Rated voltage ≥ 500V, 500V for 1min. / Rated voltage < 500V, 100V for 1min.)
- Rated voltage pulse load slope(dV/dt)_R ; 2500V/us

- Marking



Marking on the top

- PACKING (Tray arrange)

Packing method	Sponge	SPQ (Tray)	PQ (Outer box)
8242 450 40251	8242 456 20009	110 (8242 451 31021)	1320 (8242 451 31061)

- Test Requirements

See PCMP 384 SA....(sh. 190-1)

부서	제품개발1팀	Type Specification			최초작성일	15-04-01
작성	백 영 섭	MMKP RADIAL POTTED CAPACITORS (현대모비스)	PCMP 384 SA001		개정 No	6
승인	강 문 현				190-1	of page

For part lists see PCMP 384 N2114

Include :

Delete :

- Cell code :

. 4342 472 S0153

For manufacturing instruction see PCMP 384 N2114 However :

<But>

- LOA

1) Welding depth ; 0.5 ± 0.1 mm

2) Pull off force ≥ 1000 g

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

4) 2513 PBT (Gray) case : 4342 433 20181

- R/D Testing

Tan d		Cap test limit	R. insul		Healing & Test Voltage
1kHz	100kHz		V	nA	
5	15	-4.5%/+ 4.5%	500	5	2000V

For AEC capacitor instruction see below...

- PCMP 384 SA001 sh. 100 Survey of Document
- PCMP 384 SA001 sh. 101-1 변경기록서
- PCMP 384 SA001 sh. 260 작업표준서
- PCMP 384 SA001 sh. 261 공정흐름도
- PCMP 384 SA001 sh. 370 DFMEA
- PCMP 384 SA001 sh. 371 PFMEA
- PCMP 384 SA001 sh. 372 Control Plan

부서	제품개발1팀	Manufacturing Specification				최초작성일	15-04-01
작성	김 세 지	MMKP RADIAL POTTED CAPACITORS (현대모비스)	PCMP 384 SA001			개정 No	2
승인	강 문 현		260-1	of page	1	개정일자	17-10-31