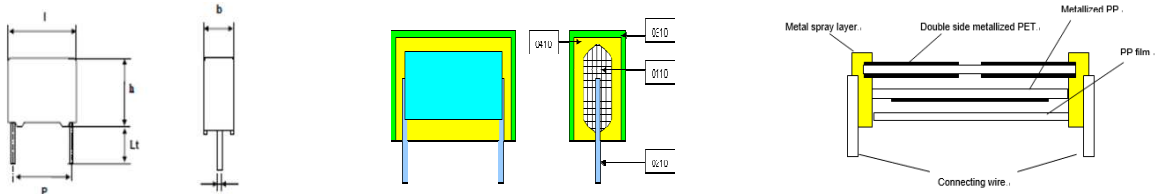


Product Dimension(mm) & Structure



Product Code	Voltage [Vdc]	Cap. [μF]	C-tol. [%]	Dimensions[mm]			Pitch [mm]	Lt [mm]	dt [mm]	특기사항
				b(W)	h(H)	l(L)				Automotive, PBTG), Tray
PCMP 384 SA044	2000	0.01	±5	7.5	18.5	18.0	15.0 ±0.4	3.4 ±0.3	0.8±0.08	

Process	Parameter	Unit	Spec				Mat. QDS Spec.-code	특기사항	
Incoming Inspection	Requirements	see	Mat. QDS.						
Winding	Film	MMKT	thick [um]	width [mm]	margin [mm]	Type	Edge middle [Ω/□] [Ω/□]	or Alternative Film code 0842 439 30564 0842 (4H7, 4C1) 41266 3342 4A2 10035, 4A3 10011	
			4.8	14.5	4	2	0842 439 30564		
			MKP	12	13.5	2	1		0842 (4H7, 4C1) 41266
			PP	12	13.5				3342 4A2 10035, 4A3 10011
	CAP	μF	0.01						
	Turns		91 ±10%						
	Spindle	Φ	5 ±0.2						
	St. value	%	-2.5 ±3%						
Flattening	Method		Warm 250Φ						
	Quantity/Plate	EA	5출 9개 합45						
	Cylinder diameter	mm	250						
	Press	bar	2.5						
1st Aging	Temperature	°C	110						
	Time	Hours	4 ±10min						
Metal Spray	1st-Zn	μm	Old	시편	±10%	3gun (회수)	1회 시편	0.28g ±10%	
	2nd-SnZn(Sn70%)	μm		무게	±10%		1회 무게	0.31g ±10%	
	3rd-SnZn(Sn70%)	μm					1회 무게	0.39g ±10%	
	Total	μm						0.98g ±10%	
2nd Aging	Temperature	°C	-						
	Time	Hours	±10min						
Healing	CAP	μF	0.01						
	Range	%	±4.5						
	Tan δ(x10 ⁻⁴)	kHz	1	10	100				
			Tan δ(x10 ⁻⁴)	≤ 5	-	≤ 8			
	Heal voltage	Vac	30 ±5%						
		1차	2차	3차	4차				
Vdc±50		2100	2800	3600	2880				

Internal code			BGF75H8BU8TA034				for Coding table. see QSV-10-A019			
LOA	Case name		1775H				4342 433 20641			
	Case material		PBT							
	Case color		Gray							
	Epoxy material		8585 Epoxy	Greenstar(8585)			1342 431 10224/10225			
	Epoxy color		Blue							
Lead wire size	Φ mm	CU	0.8			0142 400 00039 or Alternative wire code				
Curing	Temperature	°C	85	105	±5°C					
	Time	minutes	20	80	±10min					
R/D	Capacitance	μF	0.01							
	Range	%	±4.5							
	Tan δ(x10 ⁻⁴)	kHz	1	10	100					
			Tan δ(x10 ⁻⁴)	≤ 5	-	≤ 8				
	R insulation	Vdc	500							
		nA	≤ 5.0							
	Vp voltage	Vdc	3200 ±5%							
Pitch	mm	15.0 ±0.4								
Lt	mm	3.4 ±0.3								
Marking		10n J 2000V 384 MMKP Marking on the top		PILKOR WK... Marking on the side						
Packing	Method		Tray				8242 450 40258			
	SPQ(Tray)	pcs	220				8242 451 31031			
	SPQ bundle	pcs	1540							
	PQ	pcs	3080				8242 451 30671			
Outgoing Inspection	Requirements	see	QSP-075-102 (P384(M).....manuf. Sepc), Sheet260 & Sheet 362							
Reliability Test	Requirements	see	QSN-075-102 (P384(M).....Type Spec.)							

부서	1연구소	Manufacturing Specification				최초작성일	2023.04.14
작성	백영섭	Product Item	Metallized Polypropylene Film Capacitor			개정 No	
		Product code	PCMP 384 SA044			개정일자	
승인	강문현	Customer	LG magna			sh.260-1	of Page 1

Change Record

Revision no.	date	description of change	비고
0	2023.04.14	Preliminary	
1			
2			

표준

부서	1연구소	Manufacturing Specification			최초작성일	2023.04.14
작성	백영섭	Product Item	Metallized Polypropylene Film Capacitor		개정 No	
		Product code	PCMP 384 SA044		개정일자	
승인	강문현	Customer	LG magna		sh.101-1	of Page 1