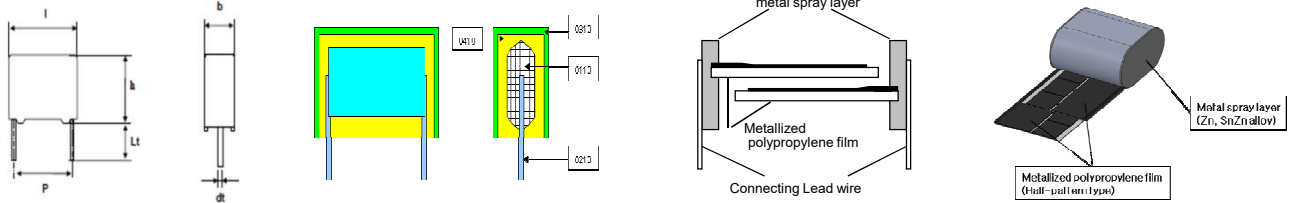


Product Dimension(mm) & Structure



Product Code	Voltage [Vdc]	Cap. [μF]	C-tol. [%]	Dimensions[mm]			Pitch [mm]	Lt [mm]	dt [mm]	특기사항
				b(W)	h(H)	l(L)				
P246L63655KM01	630	6.5	±10	13.0	32.0	31.0	27.5 ±0.4	3.4 ±0.3	0.8±0.08	Automotive, Tray

Process	Parameter	Unit	Spec						Mat. QDS Spec.-code	특기사항
Incoming Inspection	Requirements	see	Mat. QDS.							
Winding	Film	MKP	thick		width	margin	Type	Edge	middle	or Alternative Film code 0842 4G5 13525 / 93525 3342 4A3 10077 or 3342 4A2 10144 3342 4A2 20082 or 10136
			3.5um	25mm	1.5mm	III	3Ω	7.5Ω	0842 4G5 13525	
			10um	24.5um	sealing PP					
	CAP	μF	6.5							
	Turns(Inner/MF/Outer)	cycles	10 ±5	605 ±7%	15 ±5	후권PP 3~4turns				
Spindle	Φ	10 ±0.2								
St. value	%	-7 ±3%								
Flattening	Method		Warm							
	Quantity/Plate	EA	3줄	5개	합15					
	Cylinder diameter	mm	250							
	Press	bar	3.5							
1st Aging	Temperature	°C	75							
	Time	Hours	8 ±10min							
Metal Spray	1st-Zn	μm	Old	시편	±10%	3gun (회수)	1회	시편	0.30g ±10%	
	2nd-SnZn(Sn70%)	μm		무게	±10%		1회	무게	0.39g ±10%	
	3rd-SnZn(Sn70%)	μm					1회	무게	0.39g ±10%	
	Total	μm							1.08g ±10%	
2nd Aging	Temperature	°C	110							
	Time	Hours	6 ±10min							
Healing	CAP	μF	6.5							
	Range	%	±9.0							
	Tan δ(x10 ⁻⁴)	kHz	1	10	100					
		Tan δ(x10 ⁻⁴)	≤10	≤65						
	Heal voltage	Vac	30	±5%						
		Vdc±50	680	910	1130	910				

Internal code	BGL13H8BU8TA034 for Coding table. see QSV-10-A019								
LOA	Case size	mm	3013H						4342 433 20651
	Case material		PBT						
	Case color		Gray						
	Epoxy material		8585 Epoxy	Greenstar(8585)				1342 431 10224/10225	
	Epoxy color		Blue						
Curing	Lead wire size	Φ mm	CU	0.8				0142 400 00039	
	Temperature	°C	85	105	±5°C				
	Time	minutes	20	80	±10min				
R/D	Capacitance	μF	6.5						
	Range	%	±9.0						
	Tan δ(x10 ⁻⁴)	kHz	1	10	100				
		Tan δ(x10 ⁻⁴)	≤10	≤65	-				
	R insulation	Vdc	500						
		nA	≤ 650.0						
	Vp voltage	Vdc	1010 ±5%						
Pitch	mm	27.5 ±0.4							
Lt	mm	3.4 ±0.3							
Packing	Marking		6μ5 K 630V PILKOR PCPW 246 MKP WK.... Marking on the top						
	Method		Tray						
	SPQ(Tray)	pcs	85						
	SPQ(Tray bundle)	pcs	425						
	PQ	pcs	850						
Outgoing Inspection	Requirements	see	QSP-075-91 (P246(M).... manuf. Sepc), Sheet260 & Sheet 362						
Reliability Test	Requirements	see	QSN-075-91 (P246(M)....Type Spec.)						

표준

부서	1연구소	Manufacturing Specification				최초작성일	2023.04.14
작성	백영섭	Product Item	Metallized Polypropylene Film Capacitor			개정 No	1
		Product code	P246L63655KM01			개정일자	2023.04.28
승인	강문현	Customer	LG마크나			sh.260-1	of Page 2

Change Record

Revision no.	date	description of change	
0	2023.04.14	Preliminary	
1	2023.04.28	Inner PP 추가 및 양식 변경	

표준

부서	1연구소	Manufacturing Specification			최초작성일	2023.04.14
작성	백영섭	Product Item	Metallized Polypropylene Film Capacitor		개정 No	1
검토	백영섭	Product code	P246L63655KM01		개정일자	2023.04.28
승인	강문현	Customer	LG마그나		sh.260-2	of Page 1