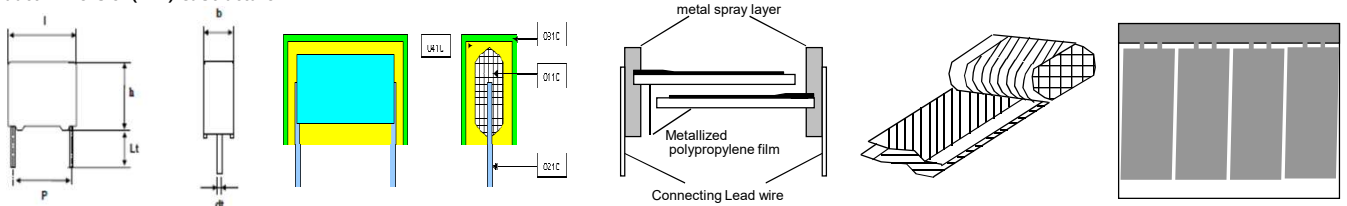


Product Dimension(mm) & Structure



Product Code	Voltage [Vac]	Cap. [ $\mu$ F]	C-tol. [%]	Dimensions[mm]			Pitch [mm]	Lt [mm]	dt [mm]	특기사항
				b(W)	h(H)	l(L)				
P339L30225KN01	305	2.2	$\pm 10$	18.0	25.0	31.0	27.5 $\pm$ 0.7	3.4 $\pm$ 0.3	1.0 $\pm$ 0.1	3018L case

Process	Parameter	Unit	Spec						Mat. QDS Spec.-code	특기사항		
Incoming Inspection	Requirements	see	Mat. QDS.									
Winding	Film	MKP	thick	width	margin	Type	Edge	middle	0842 4H9 10612 or Alternative Film code			
	CAP	$\mu$ F	6um	25mm	2.0mm	VIII	2 $\Omega$	8 $\Omega$				
	Turns		6*25*2.0_2/8 (Steiner, T-pattern, HP-II)									
	Spindle	$\Phi$	4	$\pm 0.2$								
	St. value	%	-5	$\pm 3$								
Flattening	Method		Warm 180 $\Phi$									
	Quantity/Plate	EA	4줄	5개	합20							
	Cylinder diameter	mm	180									
1st Aging	Press	bar	3.5									
	Temperature	$^{\circ}$ C	105									
Metal Spray	Time	Hours	4 $\pm 10$ min									
	1st-Zn	$\mu$ m	Old	40um	3회	120um	3gun (회수)	1회 시편	0.30g	$\pm 10\%$		
	2nd-SnZn(Sn70%)	$\mu$ m		45um	3회	135um		1회 무게	0.39g	$\pm 10\%$		
	3rd-SnZn(Sn70%)	$\mu$ m						1회	0.39g	$\pm 10\%$		
Total	$\mu$ m			255um $\pm 10\%$				1.08g	$\pm 10\%$			
2nd Aging	Temperature	$^{\circ}$ C	-									
	Time	Hours	- $\pm 10$ min									
Healing	CAP	$\mu$ F	2.2									
	Range	%	$\pm 9.5$									
	Tan $\delta(x10^{-4})$	kHz	1	10	100							
		Tan $\delta(x10^{-4})$	$\leq 10$	-	$\leq 225$							
	Healing voltage	Vac	30	$\pm 5\%$								
		Vdc $\pm 50$	1차	2차	3차	4차						

Internal code	BGL18L8BU1TA034		for Coding table. see QSV-10-A019					
LOA	Case name	3018L			4342 433 20771			
	Case material	PBT						
	Case color	Gray						
	Epoxy material	8585 Epoxy	Greenstar(8585)		1342 431 10224/10225			
	Epoxy color	Blue						
Lead wire size	$\Phi$ mm	CU	1.0		0142 400 00049 or Alternative wire code			
Curing	Temperature	$^{\circ}$ C	85	105	$\pm 5^{\circ}$ C			
	Time	minutes	20	80	$\pm 10$ min			
R/D	Capacitance	$\mu$ F	2.2					
	Range	%	$\pm 9.5$					
	Tan $\delta(x10^{-4})$	kHz	1	10	100			
		Tan $\delta(x10^{-4})$	$\leq 10$	-	$\leq 225$			
	R insulation	Vdc	100					
		nA	$\leq 44$					
	Vp voltage	Vdc	1350 $\pm 5\%$					
Pitch	mm	27.5 $\pm 0.7$						
Lt	mm	3.4 $\pm 0.3$						
Marking		2 $\mu$ 2 K 305V~ X2 PCX2 339 MKP PILKOR xxxx 55M10/21 305V~ Marking on the top						
Packing	Method	Tray				8242 450 40253		
	SPQ Tray	pcs	60				8242 451 31051	
	SPQ bundle	pcs	300					
	PQ	pcs	600				8242 451 31131	
Outgoing Inspection	Requirements	see	QSP-075-52 (PCX2 339..... manuf. Sepc), Sheet 260 & Sheet 362					
Reliability Test	Requirements	see	QSN-075-52 (PCX2 339.....Type Spec.)				<b>표준</b>	

부서	1연구소	Manufacturing Specification				최초작성일	2021.09.07
작성	백영섭	Product Item	X2 Film Capacitor			개정 No	1
		Product code	P339L30225KN01			개정일자	2023.04.14
승인	강문현	Customer	LG magna			sh.260-1	of Page 1

**Change Record**

Revison no.	date	description of change	비고
0	2021.09.07	Preliminary	
1	2023.04.14	Metal spray 측정방법 변경(두께 ==>무게)	

표준

부서	1연구소	Manufacturing Specification			최초작성일	2021.09.07
작성	백영섭	Product Item	X2 Film Capacitor		개정 No	1
		Product code	<b>P339L30225KN01</b>		개정일자	2023.04.14
승인	강문현	Customer	LG magna		sh.101-1	of Page 1