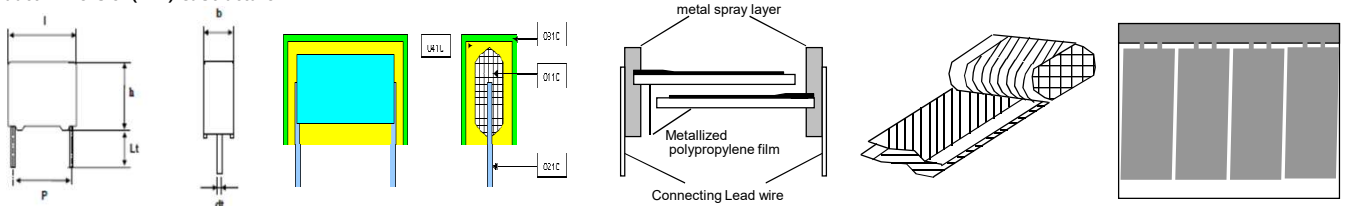


Product Dimension(mm) & Structure



Product Code	Voltage [Vac]	Cap. [μF]	C-tol. [%]	Dimensions[mm]			Pitch [mm]	Lt [mm]	dt [mm]	특기사항
				b(W)	h(H)	l(L)				
PCX2 339S7A012	305	3.3	±10	21.0	28.0	31.0	27.5±0.7	3.4±0.3	1.0±0.1	3021L 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		
			6um	25mm	2.0mm	VIII	2Ω 8Ω	6*25*2.0_2/8 (Steiner, T-pattern, HP-II)	0842 4H9 10612 or Alternative Film code
	CAP	μF	3.3						
	Turns		681	±10%					
	Spindle	Φ	4	±0.2					
Flattening	St. value	%	-3	±3%					
	Method		Warm	180Φ					
	Quantity/Plate	EA	3출	5개	합15				
1st Aging	Cylinder diameter	mm	180						
	Press	bar	2.5						
Metal Spray	Temperature	°C	105						
	Time	Hours	4	±10min					
2nd Aging	1st-Zn	μm	40um	3회	120um	3gun (회수)	1회 시편	0.30g ±10%	
	2nd-SnZn(Sn70%)	μm	45um	3회	135um		1회 무게	0.39g ±10%	
	3rd-SnZn(Sn70%)	μm					1회	0.39g ±10%	
	Total	μm			255um ±10%			1.08g ±10%	
Healing	Temperature	°C	-						
	Time	Hours	-	±10min					
	CAP	μF	3.3						
	Range	%	±9.5						
	Tan δ(x10 <sup>-4</sup> )	kHz	1	10	100				
Packing	Tan δ(x10 <sup>-4</sup> )		≤10	-	≤225				
	R insulation	Vdc	100						
	nA		≤66						
	Vp voltage	Vdc	1350	±5%					
Reliability Test	Pitch	mm	27.5	±0.7					
	Lt	mm	3.4	±0.3					
	Marking		3μ3 K 305V~ X2 PCX2 339 MKP PILKOR xxxx 55M10/21 305V~ Marking on the top						
Outgoing Inspection	Method		Tray						
	SPQ Tray	pcs	50					8242 450 40253	
	SPQ bundle	pcs	250					8242 451 31051	
Reliability Test	PQ	pcs	500					8242 451 31131	
	Requirements	see	QSP-075-52 (PCX2 339..... manuf. Sepc), Sheet 260 & Sheet 362						
Reliability Test	Requirements	see	QSN-075-52 (PCX2 339.....Type Spec.)					표준	

Internal code	BGL21L8BU1TA034		for Coding table. see QSV-10-A019	
LOA	Case name	3021L	4342 433 20781	
	Case material	PBT		
	Case color	Gray		
	Epoxy material	8585 Epoxy	Greenstar(8585)	
	Epoxy color	Blue	1342 431 10224/10225	
Lead wire size	Φ mm	CU 1.0	0142 400 00049 or Alternative wire code	

Curing	Temperature	°C	85	105	±5°C
	Time	minutes	20	80	±10min
R/D	Capacitance	μF	3.3		
	Range	%	±9.5		
	Tan δ(x10 <sup>-4</sup> )	kHz	1	10	100
	Tan δ(x10 <sup>-4</sup> )		≤10	-	≤225
	R insulation	Vdc	100		
	nA		≤66		
	Vp voltage	Vdc	1350	±5%	
Packing	Pitch	mm	27.5	±0.7	
	Lt	mm	3.4	±0.3	
Outgoing Inspection	Method		Tray		8242 450 40253
	SPQ Tray	pcs	50		8242 451 31051
	SPQ bundle	pcs	250		
	PQ	pcs	500		8242 451 31131
Reliability Test	Requirements	see	QSP-075-52 (PCX2 339..... manuf. Sepc), Sheet 260 & Sheet 362		
Reliability Test	Requirements	see	QSN-075-52 (PCX2 339.....Type Spec.)		

부서	1연구소	Manufacturing Specification			최초작성일	2021.09.07
작성	백영섭	Product Item	X2 Film Capacitor		개정 No	1
		Product code	PCX2 339S7A012		개정일자	2023.04.14
승인	강문현	Customer	LG magna		sh.260-1	of Page 1

Change Record

Revision no.	date	description of change	비고
0	2021.09.07	신규 양식 적용, Old cell code 4342 485 S0133(rev.1), manif. Spec.(rev. 2)	
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	PCX2 339S7A012		개정일자	2023.04.14
승인	강문현	Customer	LG magna		sh.101-1	of Page 1