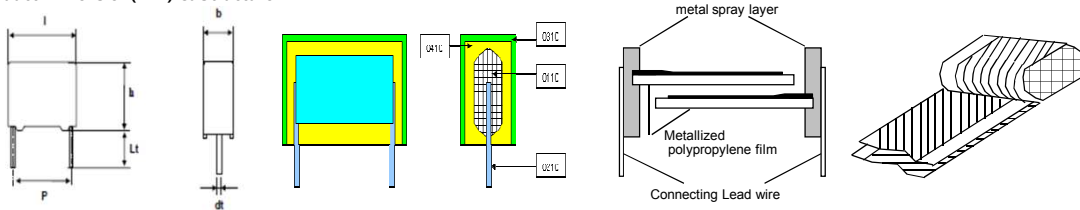


Product Dimension(mm) & Structure



| Product Code | Voltage [Vac] | Cap. [μF] | C-tol. [%] | Dimensions[mm] | | | Pitch [mm] | Lt [mm] | dt [mm] | 특기사항 |
|----------------|---------------|-----------|------------|----------------|------|------|------------|---------|---------|---------------------|
| | | | | b(W) | h(H) | l(L) | | | | |
| P339L30335KN01 | 305 | 3.3 | ±10 | 15.0 | 30.0 | 31.0 | 27.5±0.7 | 3.5±0.3 | 1.0±0.1 | 3015H PBT gray 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 4G9 30615 or Alternative Film code | | |
| | | | 6um | 25mm | 2.0mm | VIIIIA | 2Ω | 12Ω | | 6*25*1.5_2/12 | |
| | CAP | μF | 3.3 | | | | | | | | |
| | Turns | | 514 | ±10% | | | | | | | |
| | Spindle | Φ | 8 | ±0.2 | | | | | | | |
| | St. value | % | -7 ±3% | | | | | | | | |
| Flattening | Method | | Warm 180Φ | | | | | | | | |
| | Quantity/Plate | EA | 3줄 57개 합15 | | | | | | | | |
| | Cylinder diameter | mm | 180 | | | | | | | | |
| | Press | bar | 5 | | | | | | | | |
| 1st Aging | Temperature | °C | 105 | | | | | | | | |
| | Time | Hours | 4 ±10min | | | | | | | | |
| Metal Spray | 1st-Zn | μm | Old | 40um | 3회 | 120um | 3gun | 70um | 1회 | 70um | |
| | 2nd-SnZn(Sn70%) | μm | | 45um | 3회 | 135um | | 90um | 1회 | 90um | |
| | 3rd-SnZn(Sn70%) | μm | | | | 255um | | ±10% | 90um | 1회 | 90um |
| | Total | μm | | | | | | 250um | ±10% | | |
| 2nd Aging | Temperature | °C | - | | | | | | | | |
| | Time | Hours | - ±10min | | | | | | | | |
| Healing | CAP | μF | 3.3 | | | | | | | | |
| | Range | % | ±9.5 | | | | | | | | |
| | Tan δ(x10 ⁻⁴) | kHz | 1 | 10 | 100 | | | | | | |
| | | Tan δ(x10 ⁻⁴) | ≤10 | - | ≤380 | | | | | | |
| | Healing voltage | Vac | 30 | ±5% | | | | | | | |
| Vdc±50 | | | 1차 | 2차 | 3차 | 4차 | | | | | |
| | | 1500 | 1700 | 2000 | 1700 | | | | | | |
| Internal code | | | BGL18H8BU1TA035 for Coding table. see QSV-10-A019 | | | | | | | | |
| LOA | Case name | | 3015H | | | | | | 4342 433 20581 | | |
| | 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 | 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 ⁻⁴) | kHz | 1 | 10 | 100 | | | | | | |
| | | Tan δ(x10 ⁻⁴) | ≤10 | - | ≤380 | | | | | | |
| | R insulation | Vdc | 100 | | | | | | | | |
| | | nA | ≤66 | | | | | | | | |
| | Vp voltage | Vdc | 1850 ±5% | | | | | | | | |
| Pitch | mm | 27.5 ±0.7 | | | | | | | | | |
| Lt | mm | 3.5 ±0.3 | | | | | | | | | |
| Marking | | 3μ3 K 305V~ X2 PCX2 339 MKP PILKOR xxxx | | | | 55.110.21 | | 305V~ | | | |
| | | Marking on the top | | | | | | | | | |
| Packing | Method | | Tray | | | | | | 8242 450 40285 | | |
| | SPQ Tray | pcs | 100 | | | | | | 8242 451 31231 | | |
| | Sponge | pcs | | | | | | | 8242 456 20026 | | |
| | PQ | pcs | 800 | | | | | | 8242 451 31251 | | |
| 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.) | | | | | | | 표준 | |

| | | | | | | | |
|----|------|-----------------------------|-------------------|--|--|----------|------------|
| 부서 | 1연구소 | Manufacturing Specification | | | | 최초작성일 | 2021.11.29 |
| 작성 | 백영섭 | Product Item | X2 Film Capacitor | | | 개정 No | 1 |
| | | Product code | P339L30335KN01 | | | 개정일자 | 2022.03.02 |
| 승인 | 강문현 | Customer | RDF | | | sh.260-1 | of Page 1 |

Change Record

| Revision no. | date | description of change | 비고 |
|--------------|------------|--|----|
| 0 | 2021.11.29 | Preliminary | |
| 1 | 2022.03.02 | Tray packing method 변경 (8242 450 40253 ==> 8242 450 40285) | |
| | | | |
| | | | |
| | | | |
| | | | |

표준

| | | | | | | |
|----|------|-----------------------------|-------------------|--|----------|------------|
| 부서 | 1연구소 | Manufacturing Specification | | | 최초작성일 | 2021.11.29 |
| 작성 | 백영섭 | Product Item | X2 Film Capacitor | | 개정 No | 1 |
| | | Product code | P339L30335KN01 | | 개정일자 | 2022.03.02 |
| 승인 | 강문현 | Customer | RDF | | sh.101-1 | of Page 1 |