

ALUMINUM ELECTROLYTIC CAPACITORS

| Recommended Applications | Conductive Polymer | Chip Type | Miniature Aluminum 6.3~100V | Miniature Aluminum 160~500V | Large Can Type |
|--------------------------|--------------------|--------------|--------------------------------|--------------------------------|----------------|
| Automotives | CT | HV | AK,ST | SP | LQ |
| Battery Charge | CF,CR,CG | Whole Series | Whole Series | Whole Series | -- |
| Display | CG | Whole Series | Whole Series | Whole Series | Whole Series |
| Digital Still Camera | VP,CG | -- | -- | -- | -- |
| Home Appliance | CG | Whole Series | Whole Series | Whole Series | Whole Series |
| Lighting | CG,CF | XV,HV | SJ,SY,ST,AK | SQ,SG,SP | -- |
| MB | CR,CG,CX | Whole Series | Whole Series | Whole Series | -- |
| NB | VP | -- | -- | -- | -- |
| Networks | CG,CF | XV,HV | SJ,SY,ST | SG,SP | -- |
| Power | CG,CF,CR,CT | Whole Series | Whole Series | Whole Series | Whole Series |
| TFT frame | -- | SV,DV | SH,SC | SH | -- |
| Gaming | VP | GV,SV | SK,SH | SK,SH | LH,LG |
| Audio(stereo) | -- | -- | Whole Series | Whole Series | Whole Series |
| Vedio (DVD) | VP,CG | -- | S5,S7,SK,SH,SC,SY | SK,SH | -- |
| Toys | VP | -- | SK | SK | LH |

1 Conductive Polymer Aluminum Solid Electrolytic Capacitors

| Series | | Features | Endurance (+R=With ripple) | Voltage Range (VDC) | Capacitance Range (uF) | Page |
|--------|-------|--|-------------------------------|---------------------------|---------------------------|------|
| TEAPO | LUXON | | | | | |
| CG | CG | Ultra Low ESR | 105°C 2000hours | 2.5 ~25V | 33 ~ 2700 | 25 |
| CP | CP | 8 mm height & Ultra Low ESR | 105°C 3000hours | 2.5 ~25V | 10 ~ 1200 | 28 |
| CY | CY | Ultra Low ESR with sleeve NEW | 105°C 2000hours | 6.3 ~16V | 150 ~ 1800 | 30 |
| CZ | CZ | Ultra Low ESR with Small size NEW | 105°C 2000hours | 2.5 ~16V | 10 ~ 2200 | 32 |
| CR | CR | Ultra Low ESR & Higher Ripple Current | 105°C 2000hours | 2.5 ~6.3V | 470 ~ 2700 | 34 |
| CX | CX | Ultra Low ESR & Higher Ripple Current with bright Aluminum case NEW | 105°C 2000hours | 2.5 ~28V | 33~ 820 | 36 |
| CF | CF | Super Low ESR & Large Capacitance | 105°C 2000hours | 6.3 ~32V | 68~ 1800 | 38 |
| CS | CS | High Voltage & Long Life NEW | 105°C 5000hours | 25~50V | 56~390 | 40 |
| CH | CH | Ultra Low ESR & Long Life NEW | 105°C 5000hours | 2.5 ~16V | 270 ~ 820 | 42 |
| CT | CT | High Temperature NEW | 125°C 1000hours | 6.3 ~25V | 33 ~ 1000 | 44 |
| VP | VP | SMD Strandard NEW | 105°C 2000hours | 2.5~16V | 22 ~ 1500 | 46 |
| VB | VB | SMD Low Profile NEW | 105°C 2000hours | 2.5~16V | 68~560 | 49 |
| VS | VS | SMD Long life and Ultra low ESR NEW | 105°C 5000hours | 4~16V | 39~330 | 51 |

ALUMINUM ELECTROLYTIC CAPACITORS

2 Surface Mount Aluminum Electrolytic Capacitors

| Series | | | Features | Endurance (+R=With ripple) | General | Low leakage | Low Profile | Low Impedance | Long Life | Voltage Range (VDC) | Capacitance Range (uF) | Page |
|---------------|-------|-------|---|--------------------------------|---------|-------------|-------------|---------------|-----------|---------------------|------------------------|------|
| TYPE | TEAPO | LUXON | | | | | | | | | | |
| Vertical Chip | GV | GV | Low profile V-Chip | 85°C 2000hours | * | | * | | | 4~100 | 1~1000 | 53 |
| | FV | FV | Long life V-Chip | 85°C 3000~5000hours | | | | | * | 4~100 | 1~1000 | 55 |
| | SV | SV | Low profile V-Chip | 105°C 1000hours | * | | * | | | 4~100 | 1~1000 | 57 |
| | DV | DV | Long life V-Chip | 105°C 2000hours | | | | | * | 6.3~100 | 1~1000 | 59 |
| | ZV | ZV | Low impedance V-Chip | 105°C 1000hours+R | | | | * | | 4~50 | 1~1000 | 61 |
| | YV | YV | Low impedance V-Chip NEW | 105°C 1000~2000hours+R | | | | * | | 6.3~50 | 1~1500 | 63 |
| | EV | EV | Ultra Low impedance V-Chip | 105°C 2000hours+R | | | | * | | 6.3~35 | 4.7~1500 | 65 |
| | JV | JV | Low profile vertical chip NEW | 105°C 2000hours+R | | | | * | | 6.3~35 | 10~1800 | 67 |
| | XV | XV | Ultra Low impedance V-Chip | 105°C 3000~5000 hours+R | | | | * | * | 6.3~50 | 1~1000 | 69 |
| | HV | HV | Higher temperature range V-Chip | 125°C 2000hours | | | | * | | 6.3~50 | 47~1000 | 71 |
| | CV | CV | Low leakage current V-Chip | 85°C 2000hours | | * | | | | 6.3~50 | 1~1000 | 73 |
| | NV | NV | Non-polarized V-Chip | 105°C 2000 hours | * | | | | | 6.3~35 | 1~47 | 75 |

3 Miniature Aluminum Electrolytic Capacitors

| Series | | | Features | Endurance (+R=With ripple) | General | Miniature | Long Life | Low impedance | Voltage Range (VDC) | Capacitance Range (uF) | Page |
|--------------|----------|-------|---------------------------|-------------------------------|---------|-----------|-----------|---------------|---------------------|------------------------|------|
| TYPE | TEAPO | LUXON | | | | | | | | | |
| General Type | SK | GR | General purpose | 85°C 2000hours | * | | | | 6.3~500 | 1~22000 | 77 |
| | SE (SEK) | SE | General purpose | 105°C 1000hours | * | | | | 6.3~450 | 1~15000 | 80 |
| | SH | SM | Miniature General purpose | 105°C 2000hours | * | | | | 6.3~450 | 1~22000 | 83 |
| Low Profile | D5 | SF | 5 mm height | 85°C 1000hours | | * | | | 4~50 | 1~330 | 86 |
| | S5 | FX | 5 mm height | 105°C 1000hours | | * | | | 4~50 | 1~470 | 88 |
| | H5 | H5 | 5 mm height | 105°C 2000hours | | * | * | | 4~50 | 1~330 | 90 |
| | D7 | SS | 7 & 9 mm height | 85°C 1000hours | | * | | | 4~63 | 1~470 | 92 |
| | S7 | SX | 7 & 9 mm height | 105°C 1000hours | | * | | | 4~63 | 1~470 | 94 |
| | H7 | H7 | 7 & 9 mm height | 105°C 2000hours | | * | * | | 4~63 | 1~470 | 96 |

ALUMINUM ELECTROLYTIC CAPACITORS

| Series | | | Features | Endurance (+R=With ripple) | General | Miniature | Long Life | Low Impedance | High Ripple | Voltage Range (VDC) | Capacitance Range (uF) | Page |
|-----------------|-------|-------|---|-------------------------------|---------|-----------|-----------|---------------|-------------|------------------------|---------------------------|------|
| TYPE | TEAPO | LUXON | | | | | | | | | | |
| Bi/Non - polar | RN | RN | Non-polar | 85°C 1000hours | * | * | | | | 4~250 | 1~6800 | 98 |
| | SN | RX | Non-polar | 105°C 1000hours | * | * | | | | 6.3~250 | 1~2200 | 100 |
| | RB | RB | Non-polar for crossover | 85°C 1000hours | * | | | | | 25~100 | 1~100 | 102 |
| | SR | BP | Bi-polar, Horizontal correction | 85°C 1000hours | * | | | | | 25~50 | 1~33 | 104 |
| | BX | BX | Bi-polar, Horizontal correction | 105°C 1000hours | * | | | | | 25~50 | 1~33 | 106 |
| | SB | LX | Low leakage current | 105°C 1000hours | * | | | | | 6.3~100 | 1~4700 | 108 |
| Low Impedance | SC | LZ | Low ESR and high frequency | 105°C 1000~3000hours+R | | | | * | | 6.3~100 | 4.7~15000 | 112 |
| | SJ | LU | Low impedance and high ripple | 105°C 1000~5000hours+R | | | * | * | | 6.3~100 | 5.6~6800 | 115 |
| | SY | LT | Low impedance and long life | 105°C 2000~6000hours+R | | | * | * | | 6.3~100 | 22~15000 | 118 |
| | TA | TA | Low impedance and long life NEW | 105°C 4000~10000hours+R | | | * | * | | 6.3~35 | 33~8200 | 122 |
| | ST | ST | Low impedance and long life | 105°C 4000~10000hours+R | | | * | * | | 6.3~63 | 6.8~15000 | 124 |
| | SZ | LW | Ultra low ESR | 105°C 1000~2000hours+R | | | | * | | 6.3~16 | 470~3300 | 126 |
| | AK | AK | High Temperature & Long Life | 125°C 2000-5000hours | | | * | * | | 10~63 | 47-4700 | 128 |
| High Ripple | SQ | LB | High ripple and high voltage | 105°C 2000hours+R | | | | | * | 160~450 | 2.2~220 | 130 |
| | SG | LC | High ripple and long life | 105°C 3000~5000hours+R | | | * | * | | 160~450 | 3.3~330 | 132 |
| | SP | SP | High ripple and long life | 105°C 8000~10000hours+R | | | * | * | | 160~450 | 3.3~330 | 134 |
| | SU | SU | High ripple and long life NEW | 105°C 10000~12000hours+R | | | * | * | | 160~450 | 3.3~330 | 136 |
| Slim capacitors | TH | TH | General purpose NEW | 105°C 2000hours | * | | | | | 250~450 | 10~150 | 138 |
| | TG | TG | High ripple and long life NEW | 105°C 3000~5000hours+R | | | * | * | | 250~450 | 10~150 | 140 |
| | TP | TP | High ripple and long life NEW | 105°C 8000~10000hours+R | | | * | * | | 160~450 | 10~330 | 142 |

4 Large Can Type Aluminum Electrolytic Capacitors

| Series | | | Features | Endurance (+R=With ripple) | General | Miniature | Long Life | Sohel Roof | Voltage Range (VDC) | Capacitance Range (uF) | Page |
|---------|-------|-------|-----------------|-------------------------------|---------|-----------|-----------|------------|------------------------|---------------------------|------|
| TYPE | TEAPO | LUXON | | | | | | | | | |
| Snap-in | LH | TW | General purpose | 85°C 2000hours+R | | * | | | 6.3~500 | 56~120000 | 144 |
| | LG | HW | General purpose | 105°C 2000hours+R | * | | | | 6.3~450 | 47~82000 | 149 |
| | LF | LF | Long life | 85°C 3000hours+R | | | * | | 10~450 | 56~56000 | 154 |
| | LJ | LJ | Long life | 105°C 3000hours+R | | | * | | 10~450 | 270~68000 | 159 |
| | LQ | LQ | Long life | 105°C 5000hours+R | | | * | | 160~450 | 270~2200 | 164 |